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OF

CIVIL OFFICERS

HOLDING

GAZETTED APPOINTMENTS UNDER THE GOVERNMENT OF INDIA

IN THE

HOME, LEGISLATIVE, FOREIGN, AND REVENUE AND AGRICULTURAL DEPARTMENTS,

GRADATION LIST OF COVENANTED CIVILIANS UNDER THE GOVERNMENT OF INDIA

AND

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List of Civil Officers holding gazetted appointments under the Government of India in the Home Department, as it stood on the 1st January 1889.

Names.	Appointments.	Salaries and Allowances per mensem.
	SECRETARIAT.	*R* *a.* *p.*
Mr. A. P. MacDonnell, M.A., C.S., C.S.I.	Secretary	4,000 0 0
„ J. P. Hewett, C.S.	Under-Secretary	1,300 0 0
„ J. A. Stowell, U.C.S.	Registrar, Home Dept.	700 0 0
	PUNJAB.	
	Judicial.	
Sir H. M. Plowden, *Barrister-at-Law.*	Judge, Chief Court, Punjab	3,500 0 0
Mr. R. T. Burney, C.S., *Barrister-at-Law.*	Ditto ditto	3,500 0 0
„ J. D. Tremlett, M.A., C.S., *Barrister-at-Law.*	Ditto ditto	3,500 0 0
„ T. W. Smyth, M.A., C.S., *Barrister-at-Law.*	Ditto ditto. (*On furlough for 1 year and 6 months, from 29th April 1887. In extension 6 months.*)	2,500+1,000 0 0
„ A. C. Roe, B.A., C.S.	Officiating ditto	2,500+1,000 0 0
„ B. H. B. Powell, C.I.E., C.S.	Addl. ditto	2,250+1,250 0 0
„ J. Frizelle, C.S.	Ditto ditto	
	CENTRAL PROVINCES.	
	Chief Commissioner.	
Mr. A. Mackenzie, B.A., C.S., C.S.I.	Chief Commissioner	4,666 10 8
	Secretariat.	
Mr. Lindsay Neill, C.S.	Secretary to Chief Commissioner. (*Officiating Commissioner, Nerbudda Division.*)	2,750 0 0
„ A. H. L. Fraser, C.S.	Junior Secy. and Director of Land Records and Agriculture. (*Offg. Commissioner, Chhattisgarh Division.*)	2,416 10 8
„ F. C. Anderson, C.S.	Commissioner of Excise. (*Offg. Secy. to Chief Commissioner.*)	1,733 5 4
„ A. L. Saunders, C.S.	Under-Secretary	800 0 0
„ C. E. B. Critchley, U.C.S.	Assistant Secretary	*580 0 0
	Judicial Commissioner.	
Mr. R. J. Crosthwaite, C.S.	Judicial Commissioner (on deputation)	3,166 10 8
„ J. W. Neill, C.S.	Offg. ditto	3,133 5 4

* Pay rises from R500 to R700 per mensem.

Names.	Appointments.	Salaries and Allowances per mensem.
	CENTRAL PROVINCES—*contd.*	₹ a. p.
	COMMISSIONERS.	
	4 Commissioners, at ₹2,750 each.	
1. Mr. A. P. Howell, M.A., C.S.	Commr. (*Nerbudda Division.*)—(*Offg. Resident, Hyderabad.*)	2,500+1,000+1,000
2. „ J. W. Neill, C.S. .	Ditto, Jubbulpore Division (*Offg.* Judicial Commissioner.)	3,133 5 4
3. „ F. Venning, C.S. .	Ditto, Nagpur Division.	
4. „ J. W. Chisholm, U.C.S.	Ditto. (*Chhattisgarh Division.*)—(*On furlough.*)	
	DEPUTY COMMISSIONERS.	
	1st Class, 4 at ₹1,833-5-4 each per mensem.	
1. Col. M. P. Ricketts, B.S.C. .	(*On furlough.*)	
2. Col. C. H. Grace, M.S.C. .	Nagpur.	
3. Mr. C. W. McMinn, C.S. .	(*On furlough.*)	
4. Col. H. C. E. Ward, C.I.E., B.S.C.	In transit.	
	2nd Class, 5 at ₹1,666-10-8 each per mensem.	
1. Col. A. Bloomfield, B.S.C. .	Narsingpur. (*Offg. Dy. Commr., 1st Class.*)	+160 10 8
2. „ H. M. Repton, B.S.C. .	Chhindwara. (*Offg. 1st Class*) . .	+166 10 8
3. „ C. H. Plowden, M.S.C. .	Hoshangabad.	
4. „ H. J. Lugard, M.S.C. .	Damoh	
5. Mr. H. J. MacGeorge, U.C.S.	Chanda.	
	3rd Class, at ₹1,333-5-4 each per mensem.	
1. Col. J. W. Macdougall, M.S.C.	Nimar (*Offg. 2nd Class*). . . .	+333 5 4
2. Lieut.-Col. J. A. Temple, B.S.C.	Betul. (*Offg. 2nd Class*) . . .	+333 5 4
3. Lieut.-Col. R. M. B. Thomas, B.S.C.	Raipur (*Offg. 2nd Class*) . . .	+333 5 4
4. Lieut.-Col. W. S. Brooke, B.S.C.	Saugor.	
5. Mr. J. W. Tawney, C.S. .	Bhandara.	
	4th Class, 4 at ₹1,000 each per mensem.	
1. Col. W. Vertue, M.S.C. .	Sambalpur. (*Offg. 3rd Class.*) . .	+333 5 4
2. „ T. A. Scott, B.S.C. .	Wardha. (*Offg. Dy. Commr., 3rd Class.*)	+333 5 4
3. Mr. T. E. Ellison, C.S. .	(*On furlough.*)	
4. „ T. A. Drysdale, U.C.S. .	(*On medical leave.*)	
	ASSISTANT COMMISSIONERS.	
	1st Class, 3 at ₹800 each per mensem.	
1. Aulad Husen, Khan Bahadur, C.I.E., U.C.S.	Mandla. (*Settlement Officer, 2nd Grade.*)	+200 0 0
2. Mr. J. P. Goodridge, C.S. .	Sambalpur. (*Settlement Officer, 1st Grade.*)	+400 0 0
3. Mr. W. A. Nedham, U.C.S. .	Seoni. (*Offg. Depy. Commr., 4th Class.*)	+200 0 0

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	CENTRAL PROVINCES—*contd.*	*R a. p.*
	ASST. COMMISSIONERS—*contd.*	
	2nd Class, 6 at R700 each per mensem.	
1. Mr. S. H. Hennessy, U.C.S.	Kamptee. (*Offg. Cantt. Magte.*, Kamptee)	+200 0 0
2. „ S. Ismay, *Barrister-at-Law*, C S.	Jubbulpur. (*Offg Depy. Commr., 4th Class.*)	+500 0 0
3. „ L. K. Laurie, C.S. .	(*Offg. Commr. of Excise, &c*) . .	+500 0 0
4. „ L. Gordon, U.C.S. .	Balaghat (*Offg. Dy. Commr, 4th Class*)	+200 0 0
5. „ H. H. Priest, C.S. .	Sambalpur. (*Offg. Asstt. Commr., 1st Class.*)	+100 0 0
6. „ F. A. T. Phillips, C.S. .	(*On furlough.*)	
	3rd Class, 5 at R600 each per mensem.	
1. Mr. A. C. Duff, C S. . .	(*On special leave*)	
2. „ L. S. Carey, C.S. .	Raipur. (*Settlement Officer, 2nd Grade,*)	+200 0 0
3. „ M. W. Fox Strangways, C.S.	Jubbulpur. (*Settlement Officer, 2nd Grade.*)	+200 0 0
4. „ A. L. Saunders, C.S. .	Nagpur. (*Under-Secy. to Chief Commr.*)	800 0 0
5. „ A. S. Womack, C.S. .	Raipur. (*Offg. Asstt. Commr., 2nd Class.*)	833 5 4+100
	4th Class, 13.	
1. Mr. T. C. Wilson, C.S. .	Damoh. (*Offg. Asstt. Commr., 2nd Class, and Settlement Officer, 3rd Grade.*)	500+300
2. Syad Ali Mahomed, N.C.S.	Chindwara. (*Offg. Asst. Commr., 2nd Class.*)	320+128
3 Mr. R. H. Craddock, C.S. .	Nagpur. (*Offg. Asstt. Commr., 3rd Class, and Asstt. to Commr. of Settlts., and Agri., C. P.*)	500+200
4. „ H. A. Crump, C.S. .	Jubbulpur. (*Offg. Asst. Commr., 3rd Class*)	500+100
5. Mr. J. A. C. Skinner, C.S.	Nagpur. (*Offg. Asstt. Commr., 3rd Class, and Registrar, Judl. Commr.'s Court.*)	500+200
6. „ H. V. Drake Brockman, C S.	Saugor	450 0 0
7. Shanker Madho Chitnavis, N.C.S.	Hoshangabad. (*Offg. Asst. Commr., 3rd Class.*)	320+64
8. Mr. H. M. Laurie, C.S. .	Nagpur	400 0 0
9. „ Hugh O'Beirne, C.S. .	Jubbulpur	400 0 0
10. „ C. W. E. Montgomery, C.S.	Hoshangabad	400 0 0

Names.	Appointments.	Salaries and Allowances per Mensem.
	CENTRAL PROVINCES—*contd.*	₹ a. p.
	Assistant Commissioner—*contd.*	
11. Mr. F. G. Sly, c.s. .	Sambalpur	400 0 0
12. „ C. R. Cleveland, c.s. .	Raipur	400 0 0
13. „ E. A. de Brett, c.s. .	Wardha.	400 0 0
	Extra Assistant Commissioners.	
	5th Grade, 3 at ₹600 each per mensem.	
1. Mr. F. St. Clair Williams .	Harda.	
2. „ Biresar Dat, Rai Bahadur	Jubbulpur. (*Offg. Judge, S. C. Court, Jubbulpur.*) ₹200.)	+200
3. Bapu Rao Patwardhan Rao Sahib.	Nagpur. (*Offg. ditto ditto.*)	+200
	4th Grade, 7 at ₹500 each per mensem.	
1. Rai Debi Pershad . .	Bhandara.	
2. Mr. Nobin Chandra Banerji,	Betul.	
3. „ Grish Chandra .	(*On furlough.*)	
4. „ Vasudeo Ballal Kher .	Narsingpur.	
5. „ C. Rangaya . .	Nagpur.	
6. „ Bhogchand . .	Hoshangabad.	
7. „ Moreshwar Rao .	Wardha.	
	3rd Grade, 12 at ₹400 each per mensem.	
1. Mr. M. B. Tul Singh .	Narsingpur.	
2. „ J. Hornby . .	Hoshangabad.	
3. „ H. E. Stanbrough .	Saugor.	
4. „ Bhargo Rao . .	Sambalpur.	
5. „ Rambhaji Rao Mahadik	Nagpur. (*Manager, Court of Wards' Estates,* Nagpur.)	
6. „ Vittal Rao . .	Saugor.	
7. „ Balkrishna Martand Samarth.	Nimar.	
8. „ Parshotam Das .	Bilaspur. (*Settlement Officer*) . .	+100
9. „ Ganpat Rao Shrikandi	Mandla.	
10. „ W. N. de'Lange .	Nagpur.	
11. „ Krishna Rao . .	Jubbulpur.	
12. „ P. M. Greany . .	Burhanpur.	
	2nd Grade, 8 at ₹300 each per mensem.	
1. Mr. K. M Anderson .	Nimar. (*Sub. pro tem. 3rd grade*) .	+400
2. „ Waman Rao . .	Wardha.	
3. „ Balwant Rao Manday	Bilaspur.	
4. „ Huri Gopal Padhye .	Raipur. (*Offg. Inspector of Schools.*)	
5. „ Ghulam Mustaffa .	Chanda.	
6. „ Balwant Rao Gadgil .	(*On foreign service.*)	
7. „ Mohan Chandra Chatterji.	Damoh.	
8. „ Mehdi Hussen .	(*On privilege leave.*)	

Names	Appointments	Salaries and Allowances per mensem.
	CENTRAL PROVINCES—*contd.*	R a p.
	Extra Assistant Commissioners—*contd*	
	1st Grade, 12 at R250 each per mensem	
1. Mr Yado Madho Rao .	(*On foreign service.*)	
2 „ Ganpat Rao Gokle .	(*On foreign service*)	
3. „ Balaji Bhimaji Pinge	Raipur. (*Sub pro tem 2nd grade* .	+50
4 „ Kashinath Kesho Thakur.	Bilaspur.	
5. „ Trimbak Rao Sathe .	(*On foreign service*)	
6 „ Dori Lall . .	Asst. Settlement Officer . . . ance of R50	+50 0 0
7. „ A. Barclay	Chanda	
8 „ Trimbak Rao Nilkant Deshmukh	Raipur (*Sub pro tem.*)	
9. „ Raghonath Rao	(*Sub pro tem*) (*on foreign service.*)	
10. „ Hari Lakshman Indurkar	Sambalpur (*Sub pro tem.*)	
11. „ Hurrisch Chunder Bose	Jubbulpur. Ditto	
12. „ Durga Pershad	Nagpur Ditto.	
	Officiating Extra Assistant Commissioners.	
1. Mr Debi Pershad .	Sambalpur	250 0 0
2. Moulvi Mahomed Hussein .	Seoni	250 0 0
3 Mr. Moro Ganesh Khare .	Nagpur	250 0 0
4 „ Moula Bux	Wardha	200 0 0
5 „ Mahomed Khan .	Narsingpur	250 0 0
6 „ V Damodhar . .	Jubbulpur	250 0 0
7 „ Vishnu Daji .	Balaghat	250 0 0
8. „ Ram Krishna Rao .	Bilaspur	250 0 0
9. „ W Bagley . .	Bhandara	200 0 0
10. „ Sadasheo Rao . .	Raipur	250 0 0
	Judicial	
Mr R J Crosthwaite, c s .	Judicial Commr. (*On deputation*)	
„ J A C Skinner, c s. .	Registrar, Judl Commr.'s Court, Nagpur.	800 0 0
„ F. C. Anderson, c s. .	Inspector-General of Registration, &c (*Offg Secy to Chief Commr*)	1,200+533
„ L K. Laurie, c.s. . .	(*Offg Inspector-General of Registration*)	
Lieut.-Col T. W Hogg .	Judge, Small Cause Court, Nagpur. (*Offg. Depy Commr, 3rd Class.*)	1,000+266-10-8
Rao Sahib Bapu Rao Patwardhan.	(*Offg. Judge, Small Cause Court*)	
Mr. D. O. Meiklejohn, c s. .	Judge, Small Cause Court, Jubbulpur. (*Offg Depy Commr., 4th Class*)	800+400
„ Rai Bahadur Biresar Dutt	(*Offg. ditto*)	800 0 0
„ S. H Hennessy . .	(*Offg. ditto.*)	900 0 0
Vacant	Cantonment Magistrate, Kamptee	

Names.	Appointments.	Salaries and Allowances per mensem.
		R a. p.
	CENTRAL PROVINCES—*contd.*	
	Judicial—*contd.*	
Colonel H. H. H. Hallett .	Cantonment Magistrate, Jubbulpur.	
Captain J. S. C. Jenkinson .	In charge of Office of Cantonment Magistrate.	Allowance R100.
Colonel R. Bythell, R.S.C. .	Ditto. Asirgarh	„ R200.
	Jails.	
Col. M. M. Bowie . .	Inspector-General of Jails. (*On deputation.*)	1,800 0 0
Lt.-Col. H. A. Hammond .	(*Offg. ditto.*)	
Colonel H. H. H. Hallett .	Supdt., Central Jail, Jubbulpur . .	1,000 0 0
Dr. R. Willmot . . .	Supdt., Central Jail, Nagpur. (*Sub. pro tem.*)	700 0 0
	Education.	
Mr. C. A. R. Browning, M.A., U.C.S., C.I.E.	Inspector-General. (*On special leave.*)	1,500 0 0
Mr. A. Monro, M.A., B.C.L., *Barrister-at-Law.*	(*Offg. ditto*)	950+250
Col. H. B. Jacob, Bo. S.C. .	Inspector of Schools, 3rd Grade. (*On furlough.*)	1,000 0 0
Mr. G. Thompson, B.A., U.C.S.	Ditto ditto, 3rd Grade. (*Northern Circle.*)	1,000 0 0
„ J. Elliott, U.C.S. . .	Ditto ditto, 4th Grade. *Southern Circle.* (*Offg. Inspector of Schools, 3rd Grade.*	750+100
„ Hari Gopal Padhya, B., U.C.S.	(*Offg. 4th Grade.*) (*Eastern Circle*) .	400 0 0
	High School and College, Jubbulpur.	
Mr. W. Young, U.C.S. . .	Principal, Jubbulpur	650+100 (allowance from Rajkumar School.)
„ J. H. Firth, U.C.S. .	Professor of Mathematics, Jubbulpur .	360 0 0
„ Kailas Chunder Datt, U.C.S.	Ditto of Sanskrit, Do. .	230 0 0
„ Jivan Chunder Mookerji, M.A., U.C.S.	Ditto of Physics, Do. .	180 0 0
„ Haridhan Bandhopadhay, M.A., U.C.S.	Professor, Do. .	170 0 0
„ A. P. Mitchell, U.C.S. .	Supdt., Male Normal School, Jubbulpur	*300 0 0
Miss Grace P. Ross, U.C.S. .	Lady Supdt., Female Normal School, Jubbulpur. (Sub. *pro tem*)	150 0 0
	Medical.	
Deputy Surgn.-Genl. J. H. Loch, M.D.	Deputy Surgeon-General . . .	1,800 0 0
Brigade-Surgn. J. F. Barter .	Civil Surgeon, Nagpur . . .	1,093 2 0
Surgeon-Major P. Cullen, M.D.	Ditto, Nimar . . .	1,093 2 0
„ J. B. Gaffney .	Ditto, Saugor . . .	950 0 0

* Pay rises from R200 to R300.

Names.	Appointments	Salaries and Allowances per mensem.
		℞ a. p.
	CENTRAL PROVINCES—*contd.*	
	Medical—*continued.*	
Surgeon-Major B. Evers, M.D.	Civil Surgeon, Raipur	1,050 0 0
„ B. Franklin .	Ditto, Jubbulpur . . .	850 0 0
„ D. N. Martin, M.D.	Ditto, Sambalpur . . .	750 0 0
„ Girdharilal Ratanlal Daphtary, M.D.	Ditto. (*On furlough.*)	750 0 0
„ H. K. McKay .	Ditto. Seoni.	750 0 0
Surgeon W. A. Quayle, M.D. .	Ditto, (*leave on medical certificate*).	750 0 0
„ J. L. Poynder .	Ditto, (*On furlough*) . .	550 0 0
„ Cecil Henderson .	Ditto, (*On furlough*) . .	550 0 0
Dhanjibhai Barjoeji Spencer .	Ditto, Betul	550 0 0
G M. J. Gelis, M.B. . .	Ditto, Hoshangabad.	550 0 0
Alexander Silcock, M.B . .	Ditto, Bilaspur . . .	550 0 0
W. L. Price, M.B. . .	Ditto, Chhindwara.	450 9 0
Apothecary C. Thipthorpe .	Ditto, Wardha . . .	700 0 0
Senr. Apothy. W. M. Mitchell	Ditto, Narsingpur . . .	350 0 0
Asst. Apothy. E P. Clements	Ditto, Balaghat . .	350 0 0
Asst. Apothy. W. Croyden .	Ditto, Mandla. (*Offg. Civil Surgeon, Mandla, in transit*)	110 0 0
„ J. Prentie .	Ditto, Bhandara . . .	350 0 0
„ M Murphy .	Asst. to Civil Surgeon, Nagpur . .	350 0 0
„ P. Toomey .	Ditto, ditto Jubbulpur .	110 0 0
	Sanitary.	
Deputy Surgn.-Genl. J. H. Loch, M.D.	Sanitary Commissioner . . .	1,800 0 0
	Ecclesiastical.	
Revd. W. H. Bray . .	Senior Chaplain, Jubbulpur . .	800 0 0
„ T. D. Gray, M.A. .	Ditto, Nagpur . . .	800 0 0
„ G. M. Davis . .	Junior Chaplain, Saugor . . .	500 0 0
„ G. F. W. Gompertz, B A.	Junior Chaplain, Kamptee . . .	500 0 0
	Police.	
Col. M. M. Bowie, M.S C. .	Inspector-General (on deputation) .	1,800 0 0
	District Superintendents, 1st Class, 2 at ℞1,000 each per mensem.	
1. Mr. J. J. Higgins, U.C.S. .	Chanda.	
2. Col. H. Fraser, *M. Cavalry*	Chhindwara.	
	2nd Class, 2 at ℞800 each per mensem.	
1. Col. D. McNeill, M.S.C. .	Saugor	+200
2. Mr. J. C. Duff, U.C.S. .	Narsinghpur	+50 from G. I. P. Rly.

Names.	Appointments.	Salaries and Allowances per mensem.
	CENTRAL PROVINCES—*concld.*	*R a. p.*
	Police—*contd.*	
	3rd Class, 3 at R700 each per mensem.	
1. Lieut.-Col. H. A. Hammond, M.S.C.	(*Offg. Inspector General of Police*) .	+733+5-4
2. Mr. R. H. Hamilton, U.C.S.	Jubbulpur	800 0 0
3. „ A. B. W. Marriott, U.C.S.	Nagpur	(Draws an allowance of R50 from G. I. P. Rly.)
	4th Class, 5 at R600 each per mensem.	
1. Mr. G. J. Noble, U.C.S. .	Wardha. (*Offg. D. S. P., 3rd Class*) .	
2. „ F. A. Naylor, U.S.C. .	Sambalpur.	
3. Sirdar Bahadur Ratan Singh, U.C.S.	Raipur.	
4. Mr. F. E. Coles, U.C.S. .	Bhandara.	
5. „ A. H. Morris, U.C.S. .	Betul.	
	5th Class, 6 at R500 each per mensem.	
1. Mr. H. R. Stuart, U.C.S. .	(*On furlough.*)	
2. „ A. C. Hankin, U.C.S. .	(*On special duty in the Inspector-General's Office.*)	+200
3. „ R. L. Hennessy, U.C.S.	Balaghat.	
4. „ D. G. Proby, U.C.S. .	Seoni.	
5. „ H. A. Playfair, U.C.S.	Mandla.	
6. „ H. P. K. Skipton, U.C.S.	Bilaspur.	
	Assistant District Superintendents, 1st Grade, 2 at R300 each per mensem.	
1. Mr. C. W. McIver, U.S.C. .	Nimar. (*Offg. Dist. Superintendent of Police.*)	+200
2. Vacant.		
	2nd Grade.	
1. Mr. H. Spence, U.C.S. .	Nimar	250 0 0
2. „ C. M. Seagrim, U.C.S.	(*On medical leave*)	250 0 0
3. „ H. Hallett, U.C.S. .	(*Transferred on probation to Burma*) .	250 0 0
4. „ J. G. J. Duff, U.C.S. .	Chanda	250 0 0
5. „ T. C. Fenton, U.C.S. .	Saugor	250 0 0
6. „ W. E. Hankin, U.C.S.	Hoshangabad	200 0 0
7. „ G. W. Gayer, U.C.S. .	Jubbulpur	200 0 0
8. „ J. Hurst, U.C.S. .	B. Divn., Hoshangabad. (*Offg. D. S. P.*)	250+200
9. „ E. Lima, U.C.S. .	Jubbulpur	250 0 0
10. „ Dina Nath, U.C.S. .	Saugor	250 0 0
11. „ Aderjee Shapurjee .	Nagpur	250 0 0
12. Vacant.		
13. Mr. J. D. McGuire .	Offg. Jubbulpur	186+55

Names.	Appointments.	Salaries and Allowances per mensem.			
			R	*a.*	*p.*
	BURMA.				
	Chief Commissioner.				
1. Sir C. H. T. Crosthwaite, B.C.S., K.C.S.I.	Chief Commissioner		5,166	10	8
		Sumptuary allowance	500	0	0
		Total .	5,666	10	8
2. Mr. C. A. Soppitt, U.C.S., .	Personal Assistant to the Chief Commissioner.		450	0	0
	Secretariat.				
1. Mr. E. S. Symes, B.C.S., C.I.E.	Chief Secretary to the Chief Commissioner. (*Offg. Commissioner, Central Division.*)		2,500	0	0
2. „ H. T. White, B.C.S. .	Secretary. (*Offg. Chief Secretary to the Chief Commissioner.*)		1,500	0	0
		Acting allowance	666	10	8
		Total .	2,166	10	8
3. „ C. G. Bayne, B.C.S. .	Under Secretary. (*Offg. Secretary to the Chief Commissioner.*)		1 000	0	0
		Acting allowance	300	0	0
		Total .	1,300	0	0
4. „ H. R. H. Coxe, B.C.S. .	(*Offg. Under Secretary to the Chief Commissioner, on privilege leave for 23 days, from 1st December 1888.*)		450	0	0
5. „ D. H. R. Twomey, B.C.S.	(*Offg. Under Secretary to the Chief Commissioner.*)	Acting allowance	0	0	0
		Total .	0	0	0
6. „ G. C. Kynock, U.C.S.	Assistant Secretary to the Chief Commissioner.		800	0	0
	Revenue Department.				
1. Mr. W. F. R. Fryer, B.C.S.	Financial Commissioner . . .		3,000	0	0
	Commissioners (9).				
1. Col. C. W. Street, M.S.C. .	(*On furlough for 1 year and 63 days on private affairs, from 23rd March 1888.*)				

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	BURMA—*contd.*				
	Commissioners—*contd.*				
2. Mr. G. J. S. Hodgkinson, B.C.S., C.S.I.	Commissioner, Pegu Division . .		2,500	0	0
		Travelling allowance	250	0	0
		Total .	2,750	0	0
3. Col. W. C. Plant, M.S.C. .	Commissioner, Tenasserim Division .		2,500	0	0
		Travelling allowance	250	0	0
		Total .	2,750	0	0
4. Mr. G. D. Burgess, B.C.S.	(*On furlough for 2 years, from 23rd February 1888*)				
5. „ H. St. G. Tucker, B.C.S.	Commissioner, Eastern Division, Upper Burma. (*On privilege leave for 5 weeks.*)		2,500	0	0
		Travelling allowance	250	0	0
		Total .	2,750	0	0
6. „ W. de C. Ireland, B.A., LL.D., U.C.S.	(*On furlough for 2 years, from 8th January 1888.*)				
7. „ J. J. D. LaTouche, B.C.S.	Commissioner, Southern Division, Upper Burma.		2,500	0	0
		Travelling allowance	250	0	0
		Total .	2,750	0	0
8. „ D. M. Smeaton, M.A., B.C.S.	(*On furlough for 6 months, from 7th August 1888*)				
9. „ E. S. Symes, B.C.S., C.I.E.	(*Offg. Commissioner, Central Division.*)		2,500	0	0
		Travelling allowance	250	0	0
		Total .	2,750	0	0
	Deputy Commissioners (27).				
	1st Grade, 5 at R1,833-5-4 each per mensem.				
1. Col. G. A. Strover, M.S.C.	(*Offg. Commr., Northern Division, Upper Burma.*)		1,333	5	4
		Acting allowance	500	0	0
		Travelling allowance	250	0	0
		Total .	2,583	5	4
2. Col. W. W. Pemberton, M.S.C.	Amherst District.				
3. Mr. J. K. Macrae, U.C.S. .	Hanthawaddy District.				
4. Col. W. G. Hughes, M.S.C.	(*On furlough for 1 year 2 months and 18 days, from 9th August 1887.*)				

Names.	Appointments.	Salaries and Allowances per mensem.	₹ a. p.
	BURMA—*contd.*		
	Deputy Commissioners—*contd.*		
	1st Grade, 5 at ₹1,833-5-4 each per mensem—contd.		
5. Colonel H. R. Spearman, B.S.C.	(*Offg. Commr., Irrawaddy Division, from 28th March 1887.*)		1,833 5 4
		Acting allowance	500 0 0
		Travelling allowance	250 0 0
		Total .	2,583 5 4
	2nd Grade, 5 at ₹1,666-10-8 each per mensem.		
1. Mr. H. Buckle, U.C.S.	(*Offg. Commr., Arakan Division.*) .		1,666 10 8
		Acting allowance	555 8 10
		Travelling allowance	250 0 0
		Total .	2,472 3 6
2. Col. M. Furlong, M.S.C. .	Moulmein Town. (*Offg. 1st Grade, from 5th October 1887.*)		1,666 10 8
		Acting allowance	166 10 8
		Total .	1,833 5 4
3. Major J. Butler, B.S.C. .	Henzada District. (*Offg. 1st Grade, from 1st March 1888.*)		1,666 10 8
		Acting allowance .	166 10 8
		Total .	1,833 5 4
4. Mr. C. E. Gladstone, B.C.S.	Pyinmana. (*Offg. Commr., Eastern Division, from 4th December 1888.*)		1,666 10 8
		Acting allowance	. 555 8 10
		Total	. 2,222 3 6
5. Major C. B. Cooke, M.S.C.	Mandalay.		
	3rd Grade, 8 at ₹1,333-5-4 each per mensem.		
1. Mr. G. L. Weidemann, B.C.S.	Prome. (*Offg. 2nd Grade, from 1st August 1886.*)		1,333 5 4
		Acting allowance .	333 5 4
		Total	. 1,666 10 8
2. Lieut.-Col. G. Alexander, B.S.C.	Mergui. (*Offg. 2nd Grade, from 17th February 1888.*)		1,333 5 4
		Acting allowance .	333 5 4
		Total	. 1,666 10 8

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.	R	a.	p.
	BURMA—*contd.*				
	DEPUTY COMMISSIONERS—*contd.*				
	3rd Grade, 8 at R1,333-5-4 each per mensem—contd.				
3. Mr. C. J. A. Duke, U.C.S.	(*On furlough for 1 year, from 6th January 1888.*)				
4. „ W. C. Midwinter, U.C.S.	Toungoo. (*Offg. 2nd Grade, from 4th April 1887.*)		1,333	5	4
		Acting allowance .	333	5	4
		Total .	1,666	10	8
5. „ A. R. Birks, B.A., *Barrister-at-Law*, B.C.S.	Bassein. (*Offg. 2nd Grade, from 1st March 1888.*)		1,333	5	4
		Acting allowance .	333	5	4
		Total .	1,666	10	8
6. „ A. H. Hildebrand, C.I.E., U.C.S.	Fort Stedman, Superintendent of the Shan States. (*Offg. 2nd Grade, from 2nd March 1888.*)		1,333	5	4
		Acting allowance .	333	5	4
		Deputation allowance	300	0	0
		Total .	1,966	10	8
7. Major C. A. Cresswell, M.S.C.	Akyab				
8. „ C. H. E. Adamson, M.S.C.	(*On furlough for 1 year and 173 days, from 5th June 1888.*)				
9. Mr. D. Norton, B.C.S.	Rangoon Town. (*Supernumerary.*)				
	4th Grade, at R1,200 each per mensem.				
1. Major B. A. N. Parrott, M.S.C.	Kyaukse. (*Offg. 3rd Grade, from 2nd March 1888.*)		1,200	0	0
		Acting allowance .	133	5	4
		Total .	1,333	5	4
2. Mr. K. G. Burne, U.C.S. .	Thayetmyo. (*Offg. Deputy Commissioner, 3rd Grade, from 1st August 1886.*)		1,200	0	0
		Acting allowance .	133	5	4
		Total .	1,333	5	4
3. Major F. D. Raikes, Bo. S.C., C.I.E.	Chindwin. Additional Sessions Judge, on special duty.		1,200	0	0
		Acting allowance .	1,000	0	0
		Travelling allowance	250	0	0
		Total .	2,450	0	0
4. Mr. F. S. Copleston, B.C.S.	*Supernumerary.* (*On furlough for 10 months, from 6th April 1888.*)				

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	BURMA—*contd.*				
	Deputy Commissioners—*contd.*				
	4th Grade, at R1,200 each per mensem—contd.				
4. Mr. A. R. Colquhoun, U.C.S.	Ruby Mines. (*Offg. 3rd Grade, from 15th December 1887*).		1,200	0	0
		Acting allowance .	133	5	4
		Total .	1,333	5	4
5. Major W. F. H. Grey, B.S.C.	Myingyan. (*Offg. 3rd Grade, from 28th February 1888.*)—(*On privilege leave for 1 month, from 21st November 1888.*)		1,200	0	0
		Acting allowance .	133	5	4
		Total .	1,333	5	4
6. Major T. M. Jenkins, M.S.C.	Tavoy.				
7. Mr. J. E. Bridges, B C.S. .	(*On furlough for 2 years, from 20th April 1888.*)				
8. „ A. M. B. Irwin, B.C.S.	Pegu.				
9. Mr. H. Adamson, M.A., B.C S.	Bassein (*On privilege leave for 3 months, from 1st November 1888.*)		1,200	0	0
		Special Allowance .	450	0	0
		Total .	1,650	0	0
10. „ D. J. A. Campbell, B.C.S	(*On furlough for 2 years, from 4th November 1888.*)				
11. „ H. G. Batten, U.C.S. .	(*On furlough for 2 years, from 11th November 1887.*)				
12. Capt. G. S. Eyre, *Asso. Inst., Agri.*, B.S C.	Pakokku.				
13. Mr. R. A. Lamb, BO. C.S. .	(*On privilege leave for 2 months and 9 days, from 18th October 1888.*)				
14. „ G. W. Shaw, B.C.S. .	Bhamo.				
15. „ H. L. Eales, B.C.S. .	(*On furlough for 1 year and 6 months, from 17th February 1888.*)				
	Assistant Commissioners.				
	1st Grade, at R1,000 each per mensem.				
1. Mr. T C. Mitchell, B.C.S.	Bassein				
2. „ D. L. M. Mackay, B.C S	Rangoon, Assistant Magistrate, Rangoon Town District	Allowance.	100	0	0
3. „ W. T. Morison, BO.C.S.	Mongwa, Lower Chindwin. (*Supernumerary Offg. Deputy Commissioner.*)				
	2nd Grade, at R700 each per mensem.				
1. Major R. C. Temple, B S.C.,	Mandalay, Cantonment Magistrate .		1,000	0	0
2. Mr. J. Hewetson, M.C.S. .	Kyaukpyu. District Officer . .		700	0	0
		Acting allowance .	100	0	0
		Total .	800	0	0

Names.	Appointments.	Salaries and Allowances per mensem.	₹	a.	p.
	BURMA—*contd.*				
	Assistant Commissioners—*contd.*				
	2nd Grade, at ₹700 each per mensem—contd.				
3. Mr. W. G. L. Rice, B.C.S.	Magwe. (*Offg. Deputy Commissioner, 4th Grade, from 9th March 1885.*)		700	0	0
		Acting allowance .	333	5	4
			1,033	5	4
4. „ F. C. Gates, B.C.S. .	Myadaung. (*Offg. Deputy Commissioner.*)		1,000	0	0
5. „ A. E. Hurry, B.A., B.C.S.	Sandoway. (*Offg Deputy Commissioner, 4th Grade, from 5th July 1887.*)		700	0	0
		Acting allowance .	333	5	4
		Total .	1,033	5	4
6. „ A. S. Fleming, B.C.S.	Offg. Under Secy. to Chief Commr. .		700	0	0
		Acting allowance .	200	0	0
		Total .	900	0	0
7. „ H. P. Todd Naylor, B.C.S.	Thayrawaddy. (*Offg Deputy Commissioner, 4th Grade, from 11th November 1888.*)		700	0	0
		Acting allowance .	200	0	0
		Total .	900	0	0
8. „ H. S. Hartnoll, B.C.S.	Minbu. (*Offg. Deputy Commissioner.*)		700	0	0
		Acting allowance .	200	0	0
		Total .	900	0	0
9. Lieut. C. S. de B. Martindale, B.C.S.	Myadaung. (*Supernumerary Offg. Deputy Commissioner.*)				
10. Mr. B. Houghton, M.C.S. .	Yeu. (*Supernumerary.*)				
	3rd Grade, at ₹600 each per mensem.				
1. Mr. A. T. A. Shaw, B.C.S.	Kyaukpyu. (*Offg. Deputy Commissioner.*)		600	0	0
		Acting allowance .	266	10	1
		Total .	866	10	8
2. „ N. G. Cholmeley, B.A., B.C.S.	Yaméthin. (*Offg. Deputy Commissioner.*)		600	0	0
		Acting allowance .	266	10	8
		Total .	866	10	8
3. Lieut. T. G. Johnson, B.S.C.	Thôngwa. (*Offg. Deputy Commissioner, 4th Grade.*)		600	0	0
		Acting allowance .	400	0	0
		Total .	1,000	0	0

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.	R a. p.
	BURMA—*contd.*		
	ASSISTANT COMMISSIONERS—*contd.*		
	3rd Grade, at R600 each per mensem—contd.		
4. Mr. D. H. R. Twomey, B.C.S.	Rangoon. (*Offg. Under Secretary to the Chief Commissioner.*)		600 0 0
		Acting allowance .	266 10 8
		Total .	866 10 8
5. Mr. A. L. Hough, U.C.S. .	Ngathaingyaung. (*Offg. 3rd Grade*) .		600 0 0
		Acting allowance .	100 0 0
		Total .	700 0 0
Mr. A. F. Pinhey, M.C.S. .	Sittang Kyaikto. (*Offg. Deputy Commissioner.*)		
	4th Grade.		
1. Lieut. F. D. Maxwell, M.S.C.	Shwegyin. (*Offg. Deputy Commissioner.*)		500 0 0
		Acting allowance .	200 0 0
		Total .	700 0 0
2. Mr. D. Wilson, M.A., B.C.S.	Thaton. (*Offg. 2nd Grade, from 8th November 1887.*)		500 0 0
		Acting allowance .	200 0 0
		Total .	700 0 0
3. „ A. Thomson, B.C.S.	(*On leave on medical certificate for 1 year, from 26th April 1888.*)		
4. „ Maung Ba Tu, K.S.M., U.C.S.	Henzada		320 0 0
		Personal allowance .	80 0 0
		Total .	400
5. „ R. C. Stevenson, U.C.S.	Pakhangyi. (*On probation*) . .		
6. „ W. N. Porter, U.C.S.	Pyinmana. (*On probation.*) (*Offg. Deputy Commissioner.*)		
7. „ H. L. Tilly, U.C.S.	(*On furlough for 1 year, from 22nd May 1888.*)		
8. „ G. M. S. Carter, U.C.S.	(*On probation.*)—(*On furlough fo months, from 17th October 188*		
9. „ B K. S. McDermott, U.C.S.	Shwebo. (*On probation.*)—(*Off Commissioner.*)		
10. „ G. G. Collins, U.C.S.	Salin. (C		

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	BURMA—*contd.*				
	Assistant Commissioners—*contd.*				
	4th Grade, at R450 to R500 each per mensem—contd.				
11. Mr. H. M. S. Mathews, U.C.S.	Bassein. (*On probation.*)—(*Settlement Officer, 2nd Grade.*)		500	0	0
		Special allowance .	350	0	0
		Total .	850	0	0
12. Lieut. G. E. T. Green, M.S.C.	Lengi. (*On probation*) . . .		450	0	0
13. Mr. S. H. T. de la Courneuve, U.C.S.	Meiktila. (*Offg. Deputy Commissioner*)		500	0	0
		Acting allowance .	100	0	0
		Special allowance .	100	0	0
		Total .	700	0	0
14. „ J. G. Scott, U.C.S. .	Moni. (*On probation.*) Assistant Superintendent of the Shan States.		475	0	0
		Deputation allowance	150	0	0
		Total .	625	0	
15. „ D. Ross, U.C.S. .	Kindat. (*On probation*). (*Offg. Deputy Commissioner.*)		475	0	0
		Special allowance .	225	0	0
		Total .	700	0	0
16. „ J. S. D. Fraser, U.C.S.	Taungdwingyi. (*On probation*) . .		500	0	0
17. „ J. N. O. Thurston, U.C.S.	Myingyan. (*On probation.*)—(*Offg. Deputy Commissioner.*)		475	0	0
18. Lieut. L. E. Eliott, B.S.C.	Mogaung. (*Offg. 3rd Grade, from 28th March 1888.*)—(*On privilege leave for 2 months, from 24th September 1888.*)		500	0	0
		Acting allowance .	100	0	0
		Total .	600	0	0
...in, B.S.C.	Yandoon		500	0	0
...Strick-	North Tharrawaddy . . .		450	0	0
	Legayaing		450	0	0
	...angoon. (*On probation.*) Personal ...sistant to the Chief Commissioner.		450	0	0
	... (*Offg. Deputy Commissioner, ... November 1888.*)				
	... .		475	0	0
	...edical certificate for 6 ... October 1888.)		500	0	0
	...bation) . .		450	0	0

Names.	Appointments.	Salaries and Allowances per mensem.
	BURMA—*contd.*	₹ a. p.
	Assistant Commissioners—*concld.*	
	4th Grade, at ₹450 to ₹500 each per mensem—concld.	
27. Mr. G. H. Barnard, U.C.S.	Fort Stedman. (*On probation*) . .	500 0 0
28. Lieut. E. C. Townsend, B.S.C.	Allanmyo. (*On probation*) . .	450 0 0
29. Mr. B. S. Carey, U.C.S. .	Mahlaing. (*On probation*) . .	500 0 0
30. Lieut. D. J. C. Macnabb, B.S.C.	Myinmu. (*On probation*) . .	475 0 0
31. Mr. S. P. H. Dyson, U.C.S.	Yamethin. (*On probation.*)	
32. Lieut. A. B. Pritchard, B.S.C.	(*On probation.*) (*On furlough on medical certificate for 6 months.*)	450 0 0 Allowance . 100 0 0 Total . 550 0 0
33. ,, C. Tritton, B.O.S.C.	Thayetmyo. Assistant Cantonment Magistrate and Judge, Small Cause Court.	450 0 0 Allowance . 100 0 0
34. Mr. J. M. T. George, B.C.S.	Pegu.	550 0 0
35. ,, C. C. Lowis, B.C.S. .	Rangoon. (*On special duty*) . .	450
36. Lieut. D. J. O. Taylor, B.O. S.C.	Pyapon	
37. Mr. C. E. Daniell, U.C.S.	Pyuntaza. (*On probation*) . .	
38. ,, Sanford Bere, U.C.S.	(*On probation.*)—(*On special duty*) .	
39. Lieut. F. H. Eliott, B.S.C.	Sagaing, Ava	
40. ,, A. Wilson, 25th B. L. I.	Kyaukse.	
41. Mr. W. H. A. St. J. Leeds, C.S.	Rangoon. (*On special duty*) .	
42. ,, W. H. Dawson, B.C.S.	Thayetmyo . . .	
43. ,, H. G. W. Herron B.C.S.	Rangoon	
44. ,, S. St. J. Westlake, B.O.C.S.	Myanaung . .	
45. ,, T. J. Metcalfe .	Sagaing, Ad	
46. ,, B. P. Standen, B.C.S.	Tharrawa	
47. ,, R. C. M. Syms, B.C.S.	Bassein	
	Extr	
1. Vacant.		
1. Maung Thadowe, A.T.M.		
1. Maung Taing . 2. Mr. P. H. Martyr		
3. Maung Gyi		

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	BURMA—*contd.*	R a. p.
	EXTRA ASST. COMMRS.—*contd.*	
	4th Grade, 17 at R500 each per mensem.	
1. Maung Po, K.S.M. . .	Hanthawaddy, Insein.	
2. Mr. J. E. Moultrie .	(*On privilege leave for 3 months.*)	
3. „ G. E. Godber . .	Prome, Paungdô.	
4. Maung San Hla Baw .	Akyab.	
5. „ Po . . .	Toungoo, Thagara.	
6. Mr. J. C. Clancey . .	Pegu. (*Supdt. of Land Records.*)	
7. Maung Shwe Waing .	Rangoon, Akunwun.	
8. „ Hmè, K.S.M. . .	Prome, Shwedaung.	
9. „ Gale . . .	Tavoy.	
10. „ Ku . . .	Prome, Paungdé.	
11. „ Shwe Go . .	Shwegyin.	
12. Mr. F. Ripley . .	Shwebo, Tantabin.	
	5th Grade, 16 (temporarily 12) at R400 per mensem.	
Maung Pu . . .	Mandalay.	
C. W. J. Ford . .	Bassein. (*Supdt. of Land Records.*)	
Po Han . .	Pegu, Hlègu.	
Pet . . .	Tavoy, Thayetchaung.	
t Pu . .	Tharrawaddy, Akunwun.	
. .	Akyab, Akunwun.	
. .	Tavoy, Akunwun.	
es .	Pegu.	
.	Toungoo.	
	Bassein.	
	(*On probation.*)—(*On privilege leave for 2 months.*)	
	dalay.	
	hindwin.	
	(*On probation.*)	
	14) at R300	
	)	

Names.	Appointments.	Salaries and Allowances per mensem.
	BURMA—*contd.*	₹ a. p.
	Extra Asst. Commrs.—*contd.*	
	***6th Grade, 20 (temporarily 14) at ₹300 per mensem*—contd.**	
15. Mr. E. P. Cloney	Bhamo, Shwegu.	
16. „ N. K. Fraser	Myingyan, Pagan.	
17. „ E. Fowle	Mandalay, Madeya.	
18. „ A E. Rawlings	Sagaing, Ava.	
19. „ R. Moore	Magwe, Yenangyaung.	
20. „ R. Beale	Magwe, Matmauk.	
21. „ A. E. T. Sarfas	Tavoy. (*On probation.*)	
22. „ A. B. Savage	Shwebo. (*On probation.*)	
23. „ A. C. Beale	Yamethin.	
24. Maung Myat Kyi	Akyab, Honorary.	
	Myoôks.	
	1st Grade, 21 at ₹250 each per mensem.	
1. Maung Tet To	(*On leave on medical certificate for six months, from 19th June 1888.*)	
2. „ Tha Nyo	Amherst, Pagat.	
3. „ Myat Min	Amherst, Yelamaing.	
4. „ Pe	Toungoo, Akunwun.	
5. „ Ba Gyaw	Pegu, Pagandaung.	
6. „ Shwe Hnya	Kyaukpyu, Myebôn.	
7. „ Shwe Zin	Mergui, Akunwun.	
8. „ Ket, K.S.M.	(*On special duty on Chin fron*	
9. „ Shwe Bu	Prome.	
10. Mr. A. W. Buchanan	Shwebo, Sheinmaga.	
11. Maung Mra Tha Dun	Akyab, Kyauktaw.	
12. Mr. R. A. Mack	Bhamo.	
13. Maung Shwe Po	Mergui, Maliw	
14. „ Shwe Hman	Kyaukpyu	
15. „ Sin	Amherst	
16. „ Pu	Prome.	
17. „ Pyat	Henzad	
18. „ Hlwa	Ava,	
19. „ Aung Min	Shw	
20. Mr. W. B. Tydd	Pa	
21. „ C. H. Duffin	U	
1. Maung Shwe O		
2. „ Lu Gyi		
3. „ Pan Byu		
4. „ Shwe Po		
5. „ Tu		
6. „ Shwe Bv		
7. „ Pe		
8. „ Lugv		

Names.	Appointments.	Salaries and Allowances per mensem.
		₹ a. p.
	BURMA—*contd.*	
	Myoôks—*contd.*	
	2nd Grade, 40 at ₹200 each per mensem—contd.	
9. Maung San Ya . .	Amherst, Wagaru.	
10. ,, Pe . . .	Katha, Tigyaing.	
11. ,, Shaung . .	Hanthawaddy, Rangoon, Akunwun .	Personal allowance ₹50
12. ,, Aung Baw . .	Myingyan.	
13. ,, Ôn Gaing . .	Prome, Paungdé	
14. ,, Shwe Gaung .	Mandalay.	
15. ,, Maung . . .	(*On leave on medical certificate for 1 year, from 3rd January 1888.*)	
16. ,, Mo . .	Pegu, Kyauktan.	
17. ,, Po Thein . .	Kyaukse, Akunwun.	
18. ,, Po Tôk . .	Upper Chindwin, Kanni Wun of Kanni.	
19. ,, Kin . . .	Pyinmana.	
20. ,, Po O . .	Thayetmyo, Yataung.	
,, Po Ne . . .	Sagaing, Akunwun.	
,, Tha Kin . .	Hanthawaddy, Tunte.	
The . .	Prome, Mahathaman.	
San Do Aung .	Akyab, Minbya.	
Tha, K.S.M. .	Pakôkku, Pakangyi.	
Kaing .	Moulmein, Akunwun.	
. .	Pakôkku.	
. .	Pegu, Kyauktan.	
. .	(*On privilege leave for 2 months, from 11th October 1888.*)	
	Shwebo, Malé. (*On probation.*)	
	ingyan, Natogyi. (*On probation.*)	
	Chindwin, Kindat.	
	ne leave for one month.)	
	ing.	
	f Commr.	
	r	

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
		R a. p.
	BURMA—*contd.*	
	MYOÔKS—*contd.*	
	3rd Grade, at R175 each per mensem—contd.	
12. Mr. J. Macnamara . .	Shwebo. (*On probation.*)	
13. „ H. J. Brown . .	Yeu. (*On probation.*)	
14. Maung Myat U . .	Toungoo, Kanni.	
15. „ Tun Lwin . .	Sagaing, Akunwun.	
16. „ Po An . .	Kyaukse.	
17. Mr. P. M. Flannery . .	Sagaing, Chaungu.	
18. Maung San Ya . .	Minbu, Salin.	
19. „ Joachim . .	(*On leave on medical certificate for 6 months, from 24th November 1888.*)	
20. „ Po Thaik . .	Mergui.	
21. Mr. J. A. Barry . .	Lower Chindwin, Monywa.	
22. Maung Chin Hlaw . .	Sandoway, Taungup.	
23. Mr. J. F. Pereira . .	Henzada.	
24. Maung Tha Bwin . .	Sandoway.	
25. „ Nyo . . .	Shwegyin, Akunwun.	
26. „ Dwe . . .	Yeu, Mayagan.	
27. „ Pe Gyi . .	Shwegyin, Thayethamein. (*On special duty in the Shwegyin District.*)	
28. „ San Da Lôk . .	Sandoway, Akunwun.	
29. „ Kan Tha . .	Minbu, Sagu.	
30. Mr. E. S. Skinner . .	Meiktila.	
31. Maung Shwe Zin . .	Shwegyin, Bilin.	
32. Mr. H. McDonald . .	Bassein.	
33. Maung Aung Gyi, K.S.M.	Yeu.	
34. „ Kyaw Zaw, T.D.M. .	Myingyan, Salé.	
35. „ Po Sa . . .	Yamethin.	
36. „ Cho . . .	Pakokku, Pank.	
37. Mr. C. E. Browne . .	Upper Chindwin, Mingin.	
38. Maung Hla Bu . .	Pegu.	
39. Mr. H. J. Inman . .	Myingyan.	
40. „ C. W. D'A. Porter .	Toungoo.	
41. „ G. C. B. Stirling .	Shan States, Fort Stedman.	
42. „ H. C. Cobham . .	Myadung, Katha.	
43. Maung Po Ka, T.D.M. .	Myingyan, Toungoo.	
44. „ Po . . .	Tharrawaddy, Gyobingank.	
45. „ Paw Tun . .	Tharrawaddy, Minhla.	
46. „ Po Ka . . .	Tharrawaddy, Tapun.	
	4th Grade, at R150 each per mensem.	
1. Maung Ba . . .	(*Privilege leave for 2 months and 15 days, from 1st October 1888.*)	
2. „ Tet Ka Pru . .	(*On leave on medical certificate for 6 months, from 14th August 1888.*)	
3. „ Thaw . . .	Prome, Padaung.	
4. „ Ta Po . . .	Hanthawaddy, Kungyangon.	
5. „ Shwe Gyôk . .	Prome. (*Supdt. of Land Records.*)	
6. „ Byaung . .	Sandoway, Gwa.	
7. „ Kaung Baw . .	Bassein, Thabaung.	

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Names.	Appointments.	Salaries and Allowances per mensem.
		R a. p
	BURMA—*contd.*	
	MYOÔKS—*contd.*	
	4th Grade, 112 at R150 each per mensem—contd.	
8. Maung Pe . . .	Thongwa, Pantanaw.	
9. „ Po Maung . .	Thongwa, Wakamè.	
10. „ Myat Nyein .	Mandalay (*Sub. pro tem.*)	
11. Mr. D. L. Richardson .	Amherst, Moulmein.	
12. Maung Aung Hla . .	Bassein, Lemyethna.	Personal.
13. „ Thein . . .	Rangoon. (*Sub. pro tem.*) allowance R75.	
14. „ Chein . . .	Bassein. (*Sub. pro tem*). Assistant Settlement Officer.	
15. „ Hla Baw . .	Bassein, Yègi.	
16. „ Kutti . .	Myadaung, Katha, head-quarters.	
17. „ Ko . . .	Bassein, Labutta.	
18. „ Shwe Paw U . .	Akyab, Rathedaung.	
19. Mr. H. W. Godber . .	Tharrawaddy, Monyo.	
20. Maung Kye . . .	Yamethin.	
21. Mahomed Ebrahim .	Meiktila, Akunwun.	
22. Maung Kyaw Zan U .	Akyab, Ponnagyun. (*Offg.*)	
23. „ So . . .	Amherst, Hlaingbwé.	
24. „ Po . . .	(*On special duty. Interpreter to the ex-King Thibaw of Burma at Ratnagiri.*)	
25. „ Po Bye . .	Henzada. (*Supdt. of Land Records.*)	
26. „ Shwe . . .	Minbu (*sub. pro tem.*)	
27. „ Wa . . .	Upper Chindwin, Paungbyin.	
28. „ Pe . . .	Upper Chindwin, Mingin.	
29. „ Sein . . .	Hanthawaddy, Honawbi.	
30. „ Po Byu . .	Rangoon. (*On special duty in the Secretariat.*)	
31. „ Po Hla . .	Toungoo, Bonmadi.	
32. „ Shwe Kyu . .	Mergui, Tenasserim.	
33. „ Gyi . . .	Henzada, Ôkpo.	
34. „ Shwe Mya . .	Kyaukpyu. (*Offg.*), Akunwun.	
35. „ San Ôn . .	Mandalay, Madaya.	
36. „ Tha Do Pyu .	Pegu (*sub. pro tem.*)	
37. „ Mya . . .	Myingyan, Akunwun.	
38. „ San U . .	Pakokku, Akunwun.	
39. „ Shwe Aung . .	Amherst, Thaton. (*Offg.*)	
40. „ Po Gywet . .	Pegu, Payagale.	
41. „ Shwe Waing . .	Thongwa, Pyapon.	
42. „ Tun Min . .	Yeu, Indaing.	
43. „ Ne Dun . .	(*On privilege leave for 2 months, from 24th October 1888.*)	
44. „ Po Yauk . .	Thayetmyo, Sinbaungwè. (*Officiating.*) Akunwun.	
45. Mr. G. H. Munro . .	Magwe.	
46. Maung San Dwa . .	Bassein, Kangyidaung. (*Offg.*) .	Personal allowance R50.
47. „ Tha Dun Aung .	Tharrawaddy, Minhla. (*On special duty.*)	
48. „ Ba Thaw . .	Thongwa, Yandoon (*On probation.*)	
49. „ Po Thaung . .	Rangoon. (*Interpreter to the Chief Commissioner.*)	

Names.	Appointments.	Salaries and Allowances per mensem.
		R a. p.
	BURMA—*contd.*	
	Myoôks—*contd.*	
	4th Grade, 112 at R150 each per mensem—contd.	
50. Maung Yin Ma	Pakokku, Laungshe.	
51. „ Tun Ye	Meiktila, Hlaingdet.	
52. „ Po Myit	Akyab, head-quarters.	
53. „ Tun Win	Henzada, Kyaugin. (*Offg.*)	
54. „ Kyaw Gaing	Ruby Mines, Mogôk.	
55. „ Tun Hla	Upper Chindwin, Tamu.	
56. „ Po Thin	Thongwa, Maubin.	
57. Mr. M. P. Southey	Toungo, Kyathaungdoung.	
58. Maung Ôn Gaing	(*On privilege leave for 6 months.*)	
59. „ Lat	Pyinmana, Paunglaung.	
60. „ Tha Gyaw	Kyaukpyu, Cheduba.	
61. Mr. F. S. Colbeck	Mandalay, Amarapura.	
62. Maung Yo	Thôngwa, Akunwun.	
63. „ Pu	Fort Stedman. (*On special duty.*)	
64. Mr. A. W. Munro	Akyab. (*On probation.*) (*Supdt. of Land Records.*)	
65. „ E. L. M. Burke	(*On probation.*) Pegu.	
66. Maung Ba Gyi	Thayetmyo, Minhla.	
67. „ Hmo	Tavoy, Nabulé.	
68. „ Po Pe	Pegu, Kawa. (*Offg.*)	
69. „ Tun Min	Shwegyin, Kyaikto. (*Offg.*)	
70. „ Po Thein	Yeu, Konôn.	
71. „ Kyi	Bhamo, Northern township.	
72. „ Po Swe	Myingyan, Kyaukpadaung.	
73. „ Mè	Kyaukpyu, An.	
74. „ Shwe Pôn	Tungoo, Myoma. (*Offg.*) Akunwun.	
75. „ Myit	Magwe. (*Offg.*) Akunwun.	
76. „ Tha Zan U.	Lower Chindwin. (*Offg.*) Akunwun.	
77. „ Than Tu	Mergui, Lenya. (*Offg.*)	
78. „ Po Hla	Yeu.	
79. „ Ôn Pe	Rangoon, Assistant Government Translator.	
80. „ Tha Dun U	Bassein, Thigwin. (*Offg.*)	
81. „ Aung Ko	Thayetmyo, Kama.	
82. „ Tin Gyaw	Henzada, Kanaung.	
83. Mr. F. W. Martin	Sagaing.	
84. Maung Tha Hla	Myadaung, Kyanhuyat. (*Offg.*)	
85. „ Lu Maung	Prome. (*On probation.*) Akunwun.	
86. Mr. E. Millar	Yamethin. (*On probation.*)	
87. Maung Po Thein	Myadaung, Katha.	
88. „ Shwe Gyeik	Mergui, Maliwun. (*Offg.*)	
89. „ Kan Hein	Mandalay, Maymyo.	
90. „ Chit Hla U	Kyaukpyu.	
91. „ Mra Tha U	Kyaukpyu, Ramree.	
92. „ Shwe Pe	Prome, Shwele. (*Offg.*)	
93. „ Pan Aung Gyaw	Magwe, Taungdwingyi. (*Offg.*)	
94. Mr. F. A. Thomas	Bassein. (*On probation.*)	
95. Maung Po Saw	Minbu. (*Offg.*)	
96. „ Tu, B.A.	Pegu. (*On probation.*)	
97. „ Hmun	Bassein. (*Offg.*) Akunwun.	
98. „ Po Yeik	Rangoon. (*Offg.*)—(*On special duty in Secretariat.*)	

Names.	Appointments.	Salaries and Allowances per mensem.
	BURMA—*contd.*	*R a. p.*
	Myoôks—*contd.*	
	4th Grade, 112 at R150 each per mensem—concld.	
99. Maung Po Min	Kyauksè, Kumè. (*Offg.*)	
100. Mr. G. Blake	Henzada. (*On probation.*)	
101. Maung Ta	Ruby Mines, Thabeitkyin. (*Sub. pro tem.*)—(*In charge of opium station.*)	
102. „ Tha Byaw	Shwegyin. (*On special duty.*)	
103. „ Po Han	Henzada. (*Offg.*)	
104. „ Ba O	Sagaing. (*Offg.*) Akunwun.	
105. „ San Hla	Yamethin, Pyawbwe. (*Offg.*)	
106. „ Shwe U	Akyab, Minbya. (*Offg.*)	
107. „ Myit	Thayetmyo. (*Offg.*)	
108. „ San Hla	Pyinmana. (*Offg.*)	
109. „ Po Hnit	Pakôkku, Myaing. (*Offg.*)	
110. „ San Dun	Tharrawaddy. (*Offg.*)	
111. Mr. E. Savage	Bhamo. (*Offg. In charge of opium station.*)	
112. Maung Tun Hla	Prome, Shwedaung. (*Offg.*)	
	5th Grade, at R100 each per mensem.	
1. Maung Pe	Mandalay, Amarapura.	
2. „ Lin	Mandalay, Lamaing, Letwedaw.	
3. „ Sein	(*Under suspension.*)	
4. „ Shwe Daik	Natmauk.	
5. „ Po Thet	Myingyan, Taungtha.	
6. „ Gyi	Pyinmana, Lewè.	
7. „ Paw Tha	Myingyan, Tanaungdaing.	
8. „ Pu Lè	Pyinmana.	
9. „ Tôn Gywé	Bhamo. (*On special duty.*)	
10. „ Tha Bu	Kyauksè, Myingondaing.	
11. „ Po Tha	Meiktila.	
12. „ Pe	Bhamo, Shwegu.	
13. „ Tun U	Shwebo, Myedu.	
14. „ Paw Shan	Sagaing, Samon. (*On special duty.*)	
15. „ Nyein	Mandalay, Taungbyun.	
16. „ Ba	Minbu, Kyabin.	
17. „ Shwe Yi	Magwe, Myothit. (*Sub. pro tem.*)	
18. „ Tun U	Upper Chindwin, Kindat.	
19. „ Sa	Upper Chindwin, Sawe Sekoywa.	
20. „ Po Gyok	Yeu, Indaing.	
21. „ Yan Gyi Aung	Myadaung, Kawlin.	
22. „ Kyaw E	Mandalay, Lamaing, Letyadaw, and Tamakse.	
23. „ Kyi	Sagaing, Myotha	Personal allowance R25.
24. „ Pu	Katha, Manle.	
25. „ Paw	Upper Chindwin, Taungdwingyaung.	
26. „ Tun Tha, T.D.M.	Pakôkku, Yaw and Saw.	
27. „ Tet	„ Pank.	
28. „ Kwe	„ Tilin.	
29. „ Tha Zan	Lower Chindwin, Eastern Pagyi.	

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
		R a. p.
	BURMA—*contd.*	
	MYOÔKS—*concld.*	
	5th Grade, 75 at R100 each per mensem—concld.	
30. Maung Bo Sa . .	(*Under suspension*)	
31. „ Tein . .	Shwebo Hladaw. (*On probation.*)	
32. „ Ku . . .	Sagaing, Mingun-alaung.	
33. „ Ba Lat . .	Shwebo, Chaukywa.	
34. „ Hmo . .	Yeu. (*Offg.*) Akunwun.	
35. „ Tôk Gyi . .	Minbu, Sidotiya. (*Sub. pro tem.*)	
36. „ Tha Aung . .	Meiktila, Wundwin. (*On probation.*)	
37. „ Lun Maung .	Pakokku.	
38. „ Tha Bwe . .	Mandalay, Singu. (*Sub. pro tem.*)	
39. „ Tha E . .	Kyauksè, Kinli, and Magyigyaung.	
40. „ San Min . .	Sagaing, Myinmu.	
41. „ Gyi . . .	Magwe, Thugyi. (*On probation.*)	
42. „ Thein . .	Sagaing (*On probation.*)	
43. „ Yeik . .	Magwe, Sathwa. (*On probation.*)	
44. „ Ba Bwa . .	Lower Chindwin, Monywa. (*On probation.*)	
45. „ Min Naing . .	Yaméthin, Yindaw. (*On probation.*)	
46. „ Po Yin . .	Tavoy, Western Township. (*On probation.*)	
47. „ Seit . . .	Minbu, Napè. (*On probation.*)	
48. „ Nyun . .	Upper Chindwin, Balet. (*Offg.*)	
49. „ Anthony . .	Minbu, Legaing.	
50. „ Po O . .	Lower Chindwin, Western Pagyi.	
51. „ Set Kyaw . .	Pakokku, Lingadaw. (*On probation.*)	
52. „ Dwe . .	Yeu, Mayagan. (*Offg.*)	
53. „ Kan Gyi . .	Yamethin. (*In charge of opium station.*)	
54. „ Po Pe . .	Mandalay. (*In charge of opium station.*)	
55. „ Kyaw Tha . .	Bhamo, Mogoung.	
56. „ Waing . .	Kyauksè, Hmetkaya.	
57. „ Du Wun . .	Kyauksè. (*Sub pro tem.* (*In charge of opium station.*)	
58. „ Po Sein . .	Kindat. (*Sub pro tem.*)—(*In charge of opium station. On special duty in Upper and Lower Chindwin and Pakokku Districts.*)	
59. „ Tun Min . .	Magwe, Pin. (*On probation.*)	
60. „ Le O . .	Magwe. (*On probation.*)	
61. „ Saing . .	Kyauksè, Myinzaing.	
62. „ Paw Nyun . .	„ Pinlè.	
63. „ Se . . .	Lower Chindwin, Budalin . . .	Personal allowance R35.
64. „ Shwe Gaung .	Mandalay. (*On special duty.*)	
65. „ Kin . .	Kyauksè, Paukmyaing.	
66. „ Lun Bye . .	Mandalay, Thandaung.	
67. „ Tha Hlaing .	„ Letya and Chaukywa.	
68. „ Sé . . .	„ Twinngè.	
69. „ Po Tôk . .	„ Onbôn.	
70. „ San Shin . .	„ Letya-chaukywa.	
71. „ Paw Maing Naw	Bhamo, Atet, Sinkan.	
72. „ Hmun . .	Meiktila, Nyaunggaing.	
73 „ Lat . . .	Meiktila, Pindale.	
74. „ On Thi . .	Meiktila, Mahlaing.	
75. „ Pon . . .	Yeu, Shwegyin.	

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	BURMA—*contd.*				
	Judicial Department.				
1. Mr. W. E. Ward, M.A., C.S.I.	Judicial Commissioner. (*On deputation. On furlough for 15 months, from 1st November 1887.*)				
2. „ W. F. Meres, B.A.	(*Offg.*) Judicial Commissioner		2,880	0	0
3. „ W. F. Agnew, B.-at-Law	Recorder of Rangoon. (*Furlough for 1 year, from the 3rd February 1888.*)				
4. „ R. S. T. MacEwen	Addl. Recorder of Rangoon. (*Offg.*) Recorder from 21st January 1888.		2,880	0	0
5. „ C. E. Fox	Government Advocate. (*Offg.*) Addl. Recorder from 21st January 1888.		1,200	0	0
		Acting allowance	1,120	0	0
		Total	2,320	0	0
6. „ D. G. Macleod, M.A., LL.D.	Judge of the town of Moulmein		1,600	0	0
7. „ E. Richardson	Civil Judge, Mandalay		800	0	0
8. „ W. Bigg	Judge, Court of Small Causes, Rangoon		760	0	0
9. Maung Ba Wa, K.S.M.	2nd Judge, Court of Small Causes „		500	0	0
	Cantonment Magistrate.				
1. Major R. C. Temple, B.S.C.	Mandalay		1,000	0	0
	Asst. Cantonment Magistrates.				
1. Lieut. C. C. Tennant, M.S.C.	Toungoo	Allowance	100	0	0
2. „ C. Fulton, Bo. S.C.	Thayetmyo, and Small Cause Court Judge	Allowance	100	0	0
	Law Officers.				
1. Mr. J. Lowis	Government Advocate. (*Offg.*)		996	10	8
2. „ P. C. Sen	Asst. Government Advocate.		350	0	0
3. „ A. L. Vaillant	Government Prosecutor, Rangoon		400	0	0
4. „ C. W. Law	„ „ Moulmein		200	0	0
	Jail Department.				
1. Surgeon-Major D. Sinclair, M.B., C.M.	Inspector General of Jails, Rangoon		2,000	0	0
	Superintendents of Jails.				
1. Surgeon C. S. Rundle	Toungoo	Allowance	75	0	0
2. „ T. R. Macdonald, M.B., C.M., F.R.C.S., Edin.	Rangoon, Pay (R700 rising to R950)				
3. Mr. F. H. Dobson, U.C.S.	Moulmein		850	0	0
		Personal allowance	100	0	0
		House allowance	80	0	0
		Total	1,030	0	0

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	BURMA—*contd.*	₹ a. p.
	EDUCATIONAL DEPARTMENT.	
	Director of Public Instruction, at ₹1,000, rising to ₹1,250 per mensem.	
1. Mr. R. G. Hodson . .	Rangoon. (*Offg. Director of Public Instruction.*)	
	Inspector of Schools, 1 at ₹750, rising to ₹1,000 per mensem.	
1. Mr. R. G. Hodson . .	Rangoon. (*Offg. Director of Public Instruction, from 18th February 1888.*)	
	Junior Inspectors of Schools, 2 at ₹500, rising to ₹750 each per mensem.	
1. Mr. L. A. Goss . .	Rangoon. Inspector of Schools, Eastern Circle, from 4th March 1888.	500 0 0
2. „ C. A. E. G. Adams .	Rangoon. (*Offg. Inspector of Schools.*)	
	Deputy Inspectors of Schools, 1st Grade, 2 at ₹250 each per mensem.	
1. Maung Po Maung . .	Prome. (*Offg. Deputy Inspector of Schools, Rangoon Town, from 24th November 1888.*)	
2. „ Po Tun . .	Prome. (*Offg. Deputy Inspector of Schools, from 22nd November 1888.*)	
3. „ Bwa . . .	Rangoon, Hanthawaddy District.	
	2nd Grade, 5 at ₹200 each per mensem.	
1. Maung Shwe Hmon .	Moulmein.	
2. „ Gauk . .	Shwegyin.	
3. „ San Dwa . .	*On deputation.*	
4. „ Tha Dun U . .	Myoôk, 4th Grade. (*Offg.*)	
5. „ Môn . . .	Pegu.	
6. „ Maung . .	Rangoon. Employed by Rangoon Municipality. (*On privilege leave for 3 months, from 1st November 1888.*)	
	3rd Grade, 10 at ₹150 each per mensem.	
1. Maung Nga Mé Gri . .	Akyab.	
2. „ Tun . . .	Henzada.	
3. „ Pa Ha . .	Toungoo.	
4. „ Po Nwe . .	Bassein.	
5. „ Po Kya . .	Tharrawaddy.	
6. „ Paw Din . .	Thayetmyo.	
7. „ Tun Hla . .	Kyaukpyu and Sandoway.	
8. „ Nyan Kye . .	Moulmein, for Karen schools, Amherst, Tavoy, Mergui and Salween Districts.	
9. „ Lu	Rangoon. (*Sub. pro tem.*) For Karen schools, Hanthawaddy, Pegu, Tharrawaddy, Prome, and Thôngwa Districts.	

Names.	Appointments.	Salaries and Allowances per mensem.
	BURMA—*contd.*	*R a. p.*
	Educational Dept.—*contd.*	
	3rd Grade, 10 at R150 each per mensem—contd.	
10. Maung Ba Bwa . .	(*Under suspension, from 16th August 1888.*)	
11. Inoddin . . .	Akyab. For Mahomedan Schools, Akyab Town and District.	
12. Maung Tu Pru . .	Thôngwa.	
13. „ Pa . . .	Bassein. (*Sub pro tem.*) For Karen schools, Bassein, Henzada, and Thayetmyo Districts.	
14. „ Myat Tun . .	Tavoy. (*Sub pro tem.*) Tavoy and Mergui.	
	Head Masters of High Schools, 2 at R300, rising to R400 per mensem.	
1. Mr. J. Simeon . .	Akyab	400 0 0
		Personal allowance . 50 0 0
		Total . 450 0 0
2. „ A. G. Mackertoom .	Moulmein	300 0 0
		House allowance . 50 0 0
		Total . 350 0 0
	Head Masters of Normal and Practising Schools.	
1. Mr. D. Aldridge . .	Moulmein	400 0 0
2. „ J. Simon . .	Akyab	250 0 0
	Medical Department.	
1. Surgeon-Major D. Sinclair, M.B., C.M.	Rangoon, Inspector General of Jails, with Civil Medical Administration, Burma.	2,000 0 0
2. Surgeon R. E. S. Davis, B.A., M.B., B.CH.	Rangoon. Secretary to the Inspector General of Jails, with Civil Medical Administration, Burma.	750 0 0
3. Brigade-Surgeon H. Griffiths.	Civil Surgeon, Rangoon . . .	1,093 2 0
		Allowances—
		Lunatic Asylum . 250 0 0
		B. State Rys. 150 0 0
		State prisoners . 30 0 0
		Public Works Department 30 0 0
		Total . 1,553 2 0

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.	R	a.	p.
	BURMA—*contd.*				
	MEDICAL DEPARTMENT—*contd.*				
4. Surgeon-Major H. Johnstone, A.M., M.D.	Rangoon		950	0	0
		Allowances—			
		Port Health Officer	250	0	0
		Lock Hospital	100	0	0
		Meteorological Observatory	30	0	0
		Total	1,330	0	0
5. Surgeon-Major J. C. McDermott, M.D.	Sagaing	Allowance	150	0	0
6. Surgeon-Major J. North	Pakokku	Allowance	150	0	0
7. „ „ O. Baker	Moulmein		750	0	0
		Allowances—			
		Jail	100	0	0
		Port Health Officer	75	0	0
		Total	925	0	0
8. Surgeon-Major G. T. Thomas, L.R.C.P., Lon., M.R.C.S., Eng.	(*On furlough for 1 year, from 20th December 1881.*)				
9. Surgeon-Major E. Ferrand	Mandalay	Allowance	50	0	0
10. „ „ S. H. Dantra, M.B., C.M.	(*On furlough for 2 years, from 4th April 1888.*)				
11. Surgeon W. H. Thornhill, M.D.	Shwebo	Allowance	150	0	0
12. Surgeon P. W. Dalzell, M.B., C.M.	Bassein. (*Offg.*)	Allowances—			
		Jail	250	0	0
		Port Health Officer	50	0	0
		Lock Hospital	50	0	0
		Total	350	0	0
13. Surgeon E.P. Frenchman, L.M.S., Bom., L.R.C.P., Edin., L.P.F.S., Glas.	Thayetmyo		550	0	0
		Allowances—			
		Jail	250	0	0
		Lock Hospital	50	0	0
		Total	850	0	0
14. Surgeon G. Shewan	Mandalay		650	0	0
		Allowances—			
		Jail	250	0	0
		Police Levy	100	0	0
		Total	1,000	0	0
15. Surgeon S. T. Avetoon	Meiktila	Allowance	150	0	0

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.	R	a.	p.
	BURMA—*contd.*				
	MEDICAL DEPARTMENT—*contd.*				
16. Surgeon C. S. Rundle, M.B., C.M.	Toungoo	Allowance— Jail .	550	0	0
		Lock Hospital	75	0	0
			50	0	0
		Total .	675	0	0
		Allowance .	100	0	0
17. „ J. Crimmin .	Fort Stedman	Allowance— Jail .	100	0	0
18. „ A. O. Evans .	Akyab.	Port Health Officer .	50	0	0
		Total .	150	0	0
19. Surgeon H. E. Banatwala I.M.S.	Minbu	Allowance .	150	0	0
20. „ F. G. Maidment, I.M.S.	Pyinmana	„ .	150	0	0
21. Hony.-Surgn. R. S. Dawson, L.R.C.P., L.R.C.S., Edin., & L.S.A., Lon.	Myingyan	Officiating .	550	0	0
		Allowance— Jail .	250	0	0
		Total .	800	0	0
22. Hony.-Surgn. C. W. E. Foster, M.R.C.S., Edin., L.S.A., Lon., U.C.S.	*(On furlough for 10 months and 25 days, from 18th May 1888.)*				
23. „ C. G. R. Naylor, M.R.C.S., Eng., L.R.C.P., L.R.C.S., Edin., U.C.S.	*(On furlough for 1 year, from 28th October 1888.)*				
24. „ J. C. Paul, S.R.C.S., C.R.C.P., & L.M.S. L.M., U.C.S.	*(On leave on medical certificate for 4 months, from 5th October 1888.)*				
1st Grade Apothecary G. H. Campbell.	Tharrawaddy, Civil Surgeon . .		350	0	0
1st Grade Apothecary J. E. Campbell.	Prome. (Civil Surgeon, *Offg.*) . .		350	0	0
1st Grade Apothecary H. Wells.	Shwegyin, Civil Surgeon . . .		550	0	0
1st Grade Apothecary J Galvin.	Yaméthin, Civil Surgeon . . .		350	0	0
1st Grade Apothecary J. Davis.	Henzada. (Civil Surgeon, *Offg.*) . .		350	0	0
		Allowance— Jail .	75	0	0
		Total .	425	0	0
2nd Grade Apothecary G. B. Fonseca.	Rangoon, Resident Medical Officer .		150	0	0
		Rangoon allowance .	30	0	0
		House rent .	30	0	0
		Total .	210	0	0
2nd Grade Apothecary C. G. Roberts.	Upper Chindwin, Civil Surgeon.				

Names.	Appointments.	Salaries and Allowances per mensem.			
	BURMA—*contd.*				
	Medical Department—*contd.*				*R a. p.*
2nd Grade Apothecary D. S. Baker	Magwe, Civil Surgeon.				
2nd Grade Apothecary M. Devanboo.	(*On transfer in transit.*)				
1st Grade Asst. Apothecary J. Brown.	Pyinmana do.				
1st Grade Asst. Apothecary W. H. Cooper.	Ruby Mines do.				
1st Grade Asst. Apothecary F. Bradley, U.C.S.	Kubo Valley do.				
1st Grade Asst. Apothecary J. Fisher	Mônywa do.				
1st Grade Asst. Apothecary S. A. Appasawmy.	Meiktila.				
1st Grade Asst. Apothecary S. P. M. Moodelly.	Minbu.				
1st Grade Asst. Apothecary J. Dolby, U.C.S.	Mogaung, Civil Surgeon.				
1st Grade Asst. Apothecary R. H. Nailer, L.R.C.P.,C.P. & L.R.C.S, Edn.	Minbu, Civil Surgeon . . .			350	0 0
1st Grade Asst. Apothecary G. R. Gaudoin.	Kyauksè, Civil Surgeon . . .			350	0 0
2nd Grade Asst. Apothecary E. Peacock.	Pakokku.				
2nd Grade Asst. Apothecary J. P. Obrien.	Mandalay.				
2nd Grade Asst. Apothecary M. R. Paul, U.C.S.	Pyinmana. In Medical charge Railway	Police Levy		100	0 0
Asst. Surgeon, 2nd Grade, O. L. Munshi.	Tavoy, Resident Medical Officer . .			150	0 0
		Allowances—			
		Burma		50	0 0
		Local		150	0 0
		Total		350	0 0
Asst. Surgeon, 2nd Grade, M. N. Roy.	Rangoon, Resident Medical Officer .			150	0 0
		Allowances-			
		General Hospital (Municipal)		150	0 0
		Burma		50	0 0
		Total		350	0 0
„ D. D. Bhattacharji .	Kyaukpyu, Civil Surgeon . . .			150	0 0
		Allowances—			
		Charge		150	0 0
		Burma		50	0 0
		Jail		75	0 0
		Total		425	0 0

Names.	Appointments.	Salaries and Allowances per mensem	R	a.	p.
	BURMA—*contd.*				
	Medical Department—*contd.*				
40. Asst Surgn. 3rd Grade, A. C. Ghosh.	Sandoway, Civil Surgeon . . .		50	0	0
		Allowances—			
		Charge .	100	0	0
		Burma .	50	0	0
		Total .	200	0	0
41. „ B. N. Mukerji .	Pegu		100	0	0
		Allowances—			
		Charge .	100	0	0
		Burma .	50	0	0
		Total .	250	0	0
42 Local Asst Surgeon, 3rd Grade, S. Bogonaw, M D.	Papun		100	0	0
		Allowance—			
		Charge .	50	0	0
		Total .	150	0	0
43. Asst. Surgeon, 3rd Grade, H Dass .	Yeu		100	0	0
		Burma allowance .	50	0	0
		Total .	150	0	0
44. „ K. P. Kumar .	Shwebo		100	0	0
		Burma allowance .	50	0	0
		Total .	150	0	0
45. „ F. X. D'Attaides	Sagaing		100	0	0
		Burma allowance .	50	0	0
		Total .	150	0	0
46. Local Asst. Surgeon, 3rd Grade, Maung Po-Kyaw	(*On leave for 1 year and 6 months, from 28th March 1888.*)				
47. „ „ Maung Yau Hmu.	Mergui, Civil Surgeon (*Offg.*) . .		100	0	0
		Allowance—			
		Charge .	100	0	0
		Total .	200	0	0
48. „ „ MaungThao Nu.	Akyab, Resident Medical Officer, General Hospital.		100	0	0
49. Local Asst. Surgeon, 3rd Grade, Maung Po Key, R.L	Mandalay, Karen Military Police Battalion.		100	0	0

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.			
	BURMA—*contd.*			*R a. p.*	
	MEDICAL DEPARTMENT—*concld.*				
50. Local Asst. Surgeon 3rd Grade, Maung Thin.	Bhamo Police Hospital . . .			100	0 0
51. „ Maung Paw Taw.	Mandalay Civil Hospital . . .			100	0 0
	ECCLESIASTICAL DEPARTMENT.				
	Bishop of Rangoon.				
1. The Right Revd. J. M. Strachan, D.D., M.D.	Rangoon.				
	Archdeacon of Rangoon.				
1. The Venerable W. C. Noyes.	(*On furlough for 1 year and 9 months, from 10th March 1888.*)				
2. Revd. J. Fairclough, Missionary, S.P.G.	Rangoon. (*Officiating Archdeacon of Rangoon and Bishop's Commissary and Chaplain, Rangoon Town.*)				
	Junior Chaplains of the Bengal Establishment at R500 per mensem.				
1. Revd. C. H. Chard . .	Port Blair.				
2. „ J. D. Briscoe, M.A. .	(*On furlough on medical certificate, from 27th March 1888.*)				
3. „ G. A. Ford, B.A. .	Mandalay Chaplain.				
4. „ J. P. Dyer, M.A. .	(*On leave on medical certificate to Europe.*)				
5. „ C. H. Parker, M.A. .	Shwebo, 2nd Brigade, Burma Field Force.				
6. „ A. H. Finn . .	Rangoon Cantonment.				
7. „ D. G. L. Browne, B.A.	Thayetmyo.				
8. „ W. E. Jones, Missonery, S.P.G.	Toungoo. (*Offg.*)				
	List of other Clergymen receiving allowances from Government.				
1. Revd. J. E. Marks, D.D. .	Rangoon, Railway Chaplain . .	Allowance		150	0 0
2. „ T. G. Menhinick .	Moulmein.	Allowance		150	0 0
3. „ W. Graham, B.A. .	Bassein and Henzada . . .	Allowance		150	0 0
4. „ T. Richard . .	Rangoon, Chaplain of Pegu . .	Allowance		50	0 0
5. „ J. H. Nodder . .	Rangoon. (*Offg. Port Chaplain*)	Allowance		100	0 0
6. „ G. A. Colbeck .	Moulmein, Chaplain of Tavoy and Mergui.	Allowance		150	0 0
	Registrar of the Diocese and Archdeaconry of Rangoon.				
1. J. Lowis (Barrister-at-Law)	Rangoon Office	Allowance		50	0 0

Names.	Appointments.	Salaries and Allowances per mensem.	R a. p.
	BURMA—*contd.*		
	Police Department.		
	Inspector General of Police at R1,800 per mensem.		
1. Brig.-Genl. E. Stedman, C.B., R.S.C.	Rangoon		2,250 0 0
	Deputy Inspectors General, Upper Burma, at R1,000 per mensem.		
1. Mr. T. D. Jameson, U.C.S.	(*On privilege leave for 3 months, from 29th September 1888.*)		
2. Major S. H. P. Graves, R.S.C.	Mandalay for Military Police.		
	District Superintendents (24).		
	1st Grade, 4 at R900 each per mensem.		
1. Mr. B. H. Davidson, U.C.S.	Amherst.		
2. „ T. W. Wood, U.C.S. .	Bassein.		
3. „ J. W. Olive, U.C.S. .	Rangoon		900 0 0
		House allowance	100 0 0
4. „ J. C. Perreau, U.C.S. .	Thayetmyo.	Total .	1,000 0 0
	2nd Grade, 4 at R800 each per mensem.		
1. Mr. J. Dixon, U.C.S. .	Rangoon. (*Offg. Deputy Inspector General of Police.*)		800 0 0
		Acting allowance	200 0 0
		Total .	1,000 0 0
2. „ R. A. L. Fanshawe, U.C.S.	Henzada.		
3. „ R. B. Hawkes, U.C.S. .	(*On furlough for one year, from 9th April 1888.*)		
4. Vacant.			
	3rd Grade, 5 at R700 each per mensem.		
1. Mr. E. St. G. Kaye, U.C.S.	Pyinmana. (*Offg. 2nd Grade, from 6th January 1888.*)		700 0 0
		Acting allowance	100 0 0
		Total .	800 0 0
2. „ C. J. O'Donoghue, U.C.S	Mergui. (*Offg. 2nd Grade, from 31st March 1888*). Magistrate of the 1st Class.		700 0 0
		Acting allowance	100 0 0
		Total .	800 0 0

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.			
	BURMA—*contd.*				
	POLICE DEPARTMENT—*contd.*				
	3rd Grade, 5 at R700 each, per mensem—contd.				
3. Mr. J. D. Mercer, U.C.S.	Sandoway.				
4. „ W. A. E. Lake, U.C.S.	Personal Asst. to Inspr. Genl. of Police, Burma.		700	0	0
		Acting allowance	100	0	0
		Total .	800	0	0
5. „ G. G. G. Campbell, U.C.S.	Minbu.				
6. „ C. V. Harris, U.C.S.	Tavoy. (*Supernumerary.*)				
	4th Grade, 8 at R600 each per mensem.				
1. Mr. A. P. Mayne, U.C.S.	Sagaing. (*Offg. 3rd Grade, from 6th January 1888.*)		600	0	0
		Acting allowance	100	0	0
		Total .	700	0	0
2. „ R. Martin, U.C.S.	Mandalay. (*Offg. 3rd Grade, from 20th March 1888.*)		600	0	0
		Acting allowance	100	0	0
		Total .	700	0	0
3. „ A. J. A. Jardine, U.C.S.	Meiktila.				
4. „ W. G. Snadden, U.C.S.	Shwegyin.				
5. „ J. M. Law, U.C.S.	Rangoon. Personal Assist. to the Inspr. Genl. of Police.		600	0	0
		Local allowance .	100	0	0
		Total .	700	0	0
6. „ J. C. Fanshawe, U.C.S.	Paletwa		600	0	0
		Charge allowance .	100	0	0
		Travelling allowance	100	0	0
		Total .	800	0	0
7. „ F. S. Stowell, U.C.S.	Rangoon. Personal Assist. to the Inspr. Genl. of Police. (*On privilege leave for 3 months, from 1st December 1888.*)				
8. „ M. J. Chisholm, U.C.S.	(*On leave on medical certificate for 6 months, from 12th August 1888.*)				

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	BURMA—*contd.*				
	Police Department—*contd.*				
	5th Grade, 15 at R500 each per mensem.				
1. Maung Shwe Kyi, C.I.E., T.D.M., U.C.S.	Kawkareik. (*Offg. 4th Grade, from 14th August 1886.*)		500	0	0
		Acting allowance	100	0	0
		Total .	600	0	0
2. Mr. E. H. Molloy, U.C.S. .	(*On leave on medical certificate for 1 year, from 21st August 1888.*)				
3. „ G. C. Serres, U.C.S. .	Akyab. (*Offg. 4th Grade, from 4th August 1888.*)		500	0	0
		Acting allowance	100	0	0
		Total .	600	0	0
4. „ P. J. Porter, U.C.S. .	Toungoo. (*Offg. 4th Grade, from 10th August 1888.*)		500	0	0
		Acting allowance	100	0	0
		Total .	600	0	0
5. „ A. H. Tucker, U.C.S. .	Pegu.				
6. „ G. T. C. Plowden, U.C.S.	Katha.				
7. „ R. H. Greenstreet, U.C.S.	(*On Privilege leave for 3 months, from 19th November 1888.*)				
8. „ C. M. Prendergast, U.C.S.	(*On leave on medical certificate for 9 months, from 15th May 1888.*)				
9. „ W. H. Tarleton, U.C.S.	Taungdwingyi. (*On probation.*)				
10. „ W. Pockett, U.C.S. .	Pakokku. (*On probation.*)				
11. „ E. G. Mumford, U.C.S.	(*On privilege leave for 3 months, from 10th December 1888.*)				
12. „ C. E. Lloyd, U.C.S. .	(*On 3 months' privilege leave.*)				
13. „ H. W. Rae, U.C.S. .	Kyaukse.				
14. „ R. A. E. Castle, U.C.S.	Yamethin.				
15. „ W. H. Segrove, U.C.S.	Bhamo. (*Supernumerary.*)				
16. Vacant.					
	Asst. District Supdts., 1st Class, 11 at R400 each per mensem.				
1. Mr. C. H. Serres, U.C.S. .	(*On probation.*)—(*On leave on medical certificate for 2 years and 4 months, from 4th March 1887.*)				
2. „ C. H. Hallett, U.C.S. .	Pyinmana.				
3. „ E. Martini, U.C.S. .	Kyauktan.				
4. „ G. W. Tarleton, U.C.S.	Tigyaing. (*On probation.*)				
5. „ St. L. B. Aldworth, U.C.S	Salween.				
6. „ F. C. C. Annesley, U.C.S.	Kyaukse. (*On probation.*)—(*On leave on medical certificate for 3 months, from 7th October 1888.*)				

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	BURMA—*contd.*				
	Police Department—*contd.*				
	Asst. District Supdts., 1st Class, 11 at R400 each per mensem—contd.				
7. Mr. H. P. Walton, U.C.S. .	Chindwin. (*Offg. Superintendent, 5th Grade, from 15th January 1888.*)		400	0	0
		Acting allowance	100	0	0
		Total .	500	0	0
8. „ R. C. Rogers, U.C.S. .	Kyaukpyu. (*Offg. Supdt., 5th Grade, from 20th July 1887.*)		400	0	0
		Acting allowance	100	0	0
		Total .	500	0	0
9. „ E. A. W. G. McDougall, U.C.S.	Hanthawaddy. (*Sub. pro. tem.*) In charge of District Police.				
10. „ H. S. Hill, U.C.S. .	Zigon.				
11. „ R. S. Barber, U.C.S. .	Moulmein.				
	Asst. District Supdts., 2nd Class, 35 at R250 each per mensem.				
	A List.				
1. Mr. W. W. Forbes, U.C.S. .	(*On leave on medical certificate, for 6 months, from 9th August 1888.*)				
2. „ H. P. Pedler, U.C.S. .	Salin.				
3. Capt. D. L. de la Cherois .	Adjt., Mily. Police, Lower Burma.—(*On extraordinary leave for 6 months, from 30th September 1888.*)				
4. Mr. H. C. Prance, U.C.S. .	Meiktila.				
5. „ J. W. Davidson, U.C.S. .	Yamethin. (In chg. provincial reserve.)				
6. „ J. Dobson, U.C.S. .	Thatôn.				
7. „ A. A. St. C. Miller, U.C.S.	Tharrawaddy. (*Offg. Dist. Supdt. of Police, 5th Grade, from 30th August 1888.*)		250	0	0
		Acting allowance	200	0	0
		Total .	450	0	0
8. „ F. L. Rey, U.C.S. .	Myingyan. (*Offg. Supdt., 5th Grade, from 4th August 1888.*)		250	0	0
		Acting allowance	200	0	0
		Total .	450	0	0
9. „ W. D. Kiernander, U.C.S.	Mandalay. (*Offg. Dist. Supdt. of Police, 5th grade, from 20th March 1888.*)		250	0	0
		Acting allowance	200	0	0
		Total .	450	0	0

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	BURMA—*contd.*				
	Police Department—*contd.*				
	Asst. Dist. Supdts., 2nd Class, 35 at R250 each per mensem—contd.				
	A List—contd.				
10. Mr. W. F. Richardson, U.C.S.	Ruby Mines. (*Offg. Supdt., 5th Grade, from 9th February 1888.*)		250	0	0
		Acting allowance	200	0	0
		Total .	450	0	0
11. „ F. H. Wells, U.C.S. .	(*On leave on medical certificate for 9 months, from 8th January 1888.*)				
12. „ H. Deighton, U.C.S. .	Reserve Police. (*On probation.*) In charge River Patrols.				
13. „ C. Hobson, U.C.S. .	Pegu. (*On probation.*)				
14. „ W. N. Baines, U.C.S. .	Minhla. (*Ditto.*) Magistrate of the 3rd class.				
15. „ G. Tilly, U.C.S. .	Shwebo. (*On probation.*) Magistrate of the 3rd class. In charge of districts.				
16. „ C. J. Saunders, U.C.S.	Prome. (*On probation, Offg. 1st class, from 8th November 1887.*) In charge of districts.		250	0	0
		Acting allowance .	150	0	0
		Total .	400	0	0
17. „ W. D. Clark, U.C.S. .	Myedé. (*On probation.*)				
18. „ R. C. Cumming, U.C.S.	Ye-u. (*Ditto.*) In charge of districts.				
19. „ F. S. Orchard, U.C.S. .	Ava. (*On probation.*)				
20. „ B. Cumberland, U.C.S.	Kawlin. (*Ditto.*)				
21. „ R. A. Simpson, U.C.S.	Shwebo.				
22. „ R. G. McDonnell, U.C.S.	Lewe. (*Supernumerary.*) (*On probation.*)				
23. „ H. F. Hertz, U.C.S. .	Myamyo. Ditto. ditto, Magistrate, of the 2nd class. (*Offg. 1st class, from 6th January 1888.*)		250	0	0
		Acting allowance .	150	0	0
		House allowance .	50	0	0
		Total .	450	0	0
24. „ K. C. Macdonald, U.C.S.	Pagan. (*Supernumerary.*)—(*On probation, Offg. 1st class, from 6th January 1888.*)		250	0	0
		Acting allowance .	150	0	0
		Total .	400	0	0
25. Capt. H. S. Harvey .	Mandalay. (*Supernumerary.*)—(*On probation.*)				
26. Mr. A. H. Faithful, U.C.S.	Meiktila.				
27. „ E. G. Durrant, U.C.S.	Chindwin. (*Supernumerary.*)—(*On probation.*)—(*Offg. 1st Grade, from 12th April 1888.*)		250	0	0
		Acting allowance .	150	0	0
		Total .	400	0	0

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.	R	a.	p.
	BURMA—*contd.*				
	POLICE DEPARTMENT—*contd.*				
	Asst. Dist. Supdts., 2nd Class, 35 at R250 each per mensem—contd.				
	A List—contd.				
28. Mr. B. Stuart, U.C.S.	Chindwin. (*Supernumerary.*)—(*On probation.*) In charge of Upper Chindwin District.				
29. „ E. B. Whiting, U.C.S.S.	Minbu. (*Supernumerary.*)—(*On probation.*)				
30. „ H. C. Gadsden, U.C.S.	Thôngwa. (*Supernumerary.*)—(*On probation.*)—(*Offg. Superintendent, 5th Grade, from 12th April 1888.*)		250	0	0
		Acting allowance	200	0	0
		Total	450	0	0
31. „ E. Drury U.C.S.	Myanaung. (*Supernumerary.*)—(*On probation.*)				
32. „ R. F. Faussett, UC.S.	Popa.				
33. „ A. H. Gayer, U.C.S.	Madaya.				
34. „ C. C. Chapman, U.C.S.	Kyauksè.				
35. „ J. Wooldride, U.C.S.	Sagaing.				
36. „ A. Ingle, U.C.S.	Natmauk.				
37. Hon'ble A. Hay, U.C.S.	Rangoon. Adjutant, Military Police, Lower Burma.				
38. Mr. S. Coxon, U.C.S.	Kyauksè.				
„ F. S. Whiting, U.C.S.	Yenangyaung (*Offg.*)		150	0	0
		Acting allowance	50	0	0
		Total	200	0	0
„ F. S. Beale, U.C.S.	Tunte (*Offg.*)		150	0	0
		Acting allowance	50	0	0
		Total	200	0	0
„ L. C. Stanhope, U.C.S.	Pegu (*Offg.*)		150	0	0
		Acting allowance	50	0	0
		Total	200	0	0
„ R. P. Clogstoun	Tharrawaddy (*Offg.*)		120	0	0
		Acting allowance	50	0	0
		Total	170	0	0
„ H. W. Martin, U.C.S.	Bhamo (*Offg.*)		120	0	0
		Acting allowance	50	0	0
		Total	170	0	0

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	BURMA—*contd.*				
	Police Department—*contd.*				
	Asst. Dist. Supdts., 2nd Class, 35 at R250 each per mensem—contd.				
	A List—contd.				
Mr. R. N. Angelo, U.C.S.	Pakokku (*Offg.*)		120	0	0
		Acting allowance	50	0	0
		Total	170	0	0
„ E. C. S. Shuttleworth, U.C.S.	Ye-u (*Offg.*)		120	0	0
		Acting allowance	20	0	0
		Total	140	0	0
„ C. H. P. Wetherell, U.C.S.	Pakokku (*Offg.*)		120	0	0
		Acting allowance	50	0	0
		Total	170	0	0
„ N. S. Field, U.C.S.	Ngathainggyaung (*Offg.*)		120	0	0
		Acting allowance	50	0	0
		Total	170	0	0
„ F. de la F. Sherman, U.C.S.	Tharrawaddy (*Offg.*)		120	0	0
		Acting allowance	50	0	0
		Total	170	0	0
„ L. N. Szezepanski, U.C.S.	Sagaing (*Offg.*)		120	0	0
		Acting allowance	50	0	0
		Total	170	0	0
M. C. McFarlane, U.C.S.	Minbu (*Offg.*)		120	0	0
		Acting allowance	50	0	0
		Total	170	0	0
„ W. A. Robinson, U.C.S.	(*On special duty in Thayetmyo and Minbu Districts.*) (*Offg.*)		120	0	0
		Acting allowance	50	0	0
		Total	170	0	0
„ K. C. Mitchell, U.C.S.	Pyinmana (*Offg.*)		150	0	0
		Acting allowance	50	0	0
		Total	200	0	0

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.	₹	a.	p.
	BURMA—*contd.*				
	POLICE DEPARTMENT—*contd.*				
	Thirteen—B List.				
1. Mr. H. Allbon, U.C.S.	Political officer with H. H. the *Ex*-King Thebaw.				
2. Maung Man, U.C.S.	Paungdè.				
3. „ Shwe Thin, U.C.S.	Thôngwa, Yandoon.				
4. „ Kala Thi, U.C.S.	Kemmendine.		250	0	0
		House allowance	50	0	0
		Total	300	0	0
5. „ Thu Taw U., U.C.S.	Akyab.				
6. „ Myo, U.C.S.	Rangoon.		250	0	0
		House allowance	50	0	0
		Total	300	0	0
7. „ Ba U., T.D.M., U.C.S.	(*On special duty with Karenni Expedition.*)				
8. Mr. D. W. Rae, U.C.S.	Tharrawaddy.				
9. „ W. L. Thompson, U.C.S.	Thayetmyo.				
10. Maung Lugale	Thatôn.				
11, 12, 13 } Lent to A List.					
	Police Supply and Clothing Dept.				
1. Capt. S. C. F. Peile, B.S.C.	Rangoon. (Director of Police Supply and Clothing.)		1,000	0	0
2. Lieut. Parkins, BO.S.C.	Mandalay. (Assistant Director of Police Supply and Clothing.)		600	0	0
	Commandants of Military Police Battalions.				
1. Lieut. E. T. Gastrell, B.S.C.	Magistrate of the 1st class. (*On privilege leave for 3 months.*)		225	12	0
		Staff allowance	300	0	0
		Total	525	12	0
2. „ H. F. Lock, B.S.C.	Alôn. Magistrate of the 1st class		225	12	0
		Staff allowance	300	0	0
		Total	525	12	0
3. „ H. D'W. Keary, M.S.C	Shwebo		225	12	0
		Staff allowance	400	0	0
		Total	625	12	0

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	BURMA—*contd.* Police Department—*contd.* *Commandants of Military Police Battalions*—contd.				
4. Capt. E. S. Hastings, D.S.O., M.S.C.	Magistrate of the 1st class. (*On furlough from 1st December 1888.*)		374	1	6
		Staff allowance .	400	0	0
		Total .	774	1	6
5. Lieut. H. O'Donnell, B.S.C	Bhamo. Magistrate of 1st class .		225	12	0
		Staff allowance .	300	0	0
		Total .	525	12	0
6. Capt. G. R. McMullen, B.S.C	Sagaing. Magistrate of the 1st class .		374	1	6
		Staff allowance .	300	0	0
		Total .	674	1	6
7. Lieut. H. F. Holland, B.S.C.	Meiktila. Ditto ditto . .		225	12	0
		Staff allowance .	300	0	0
		Total .	525	12	0
8. „ R. P. S. Barnett, BO. S.C.	Yaméthin. Ditto ditto . .		225	12	0
		Staff allowance .	400	0	0
		Total .	625	12	0
9. „ R. P. Colomb, BO. S.C.	(*On leave on Medical Certificate for 1 year.*)		225	12	0
		Staff allowance .	300	0	0
		Total .	525	12	0
10. Capt. V. C. Tonnochy, B.S.C.	Pyinmana. Magistrate of the 1st class. (*On special duty, from 7th November 1888.*)		374	1	6
		Staff allowance .	400	0	0
		Total .	774	1	6
11. Lieut. R. M. Rainey, M.S.C.	Chin frontier. (*On special duty, from 31st October 1888.*)		225	12	0
		Staff allowance .	400	0	0
		Total .	625	12	0
12. Capt. A. J. R. Hutchinson, B.S.C.	Ye-u		374	1	6
		Staff allowance .	400	0	0
		Total .	774	1	6

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	BURMA—*contd.* POLICE DEPARTMENT—*contd.* *Assistant Commandants of Military Police Battalions.*				
1. Capt. F. C. Dunlop, B.S.C.	Myadaung. Magistrate of the 1st class .		374	1	6
		Staff allowance .	300	0	0
		Total .	674	1	6
2. „ W. Cooke, B.S.C. .	Minbu. Ditto ditto . .		374	1	6
		Staff allowance .	300	0	0
		Total .	674	1	6
3. Lieut. E. R. Hartigan, BO.S.C.	Taungdwingyi. Ditto ditto . .		225	12	0
		Staff allowance .	300	0	0
		Total .	525	12	0
4. „ F. O. Anderson, B.S.C.	Ruby Mines. Magistrate of the 1st class.		225	12	0
		Staff allowance .	400	0	0
		Total .	625	12	0
5. Capt. C. W. Harris, 4th B.I.	Kubo Valley		374	1	6
		Staff allowance .	300	0	0
		Total .	674	1	6
6. Lieut. W. G. Alban, 13th BO. I.	Mandalay. Ditto ditto . .		225	12	0
		Staff allowance .	300	0	0
		Total .	525	12	0
7. Capt. N. A. K. Burne, B.S.C.	Pyinmana. Ditto ditto . .		374	1	6
		Staff allowance .	300	0	0
		Total .	674	1	6
8. Lieut. A. T. Young, M.S.C	Alôn		225	12	0
		Staff allowance .	200	0	0
		Total .	425	12	0
9. „ J. Phillips, B.S.C. .	Pakokku. (*Offg. Commandant from November 1888.*)		225	12	0
		Staff allowance .	200	0	0
		Total .	425	12	0

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	BURMA—*contd.*	₹ a. p.
	POLICE DEPARTMENT—*contd.*	
	Assistant Commandants of Military Police Battalions—contd.	
10. Lieut. H. L. Custance, B.S C.	Myingyan. (*On privilege leave*) .	225 12 0
		Staff allowance . 200 0 0
		Total . 425 12 0
11. „ W. G. Hatherell, BO.S.C.	Myingyan. (*Offg. Commandant*) .	225 12 0
		Staff allowance . 250 0 0
		Total . 475 12 0
12. Subadar-Major Chutter Sing, *Rai Bahadur.*	Katha. (*On special duty*) . . .	320 0 0
13. Lieut. H. B. Barrodaile, B.S.C.	Minbu	225 12 0
		Staff allowance . 200 0 0
		Total . 425 12 0
14. „ J. A. H. Woodward, B.S.C.	(*On special duty with Mu Valley Railway Survey guard.*)	225 12 0
		Staff allowance . 250 0 0
		Total . 475 12 0
15. „ W. Giles, B.S.C. .	Sagaing	225 12 0
		Staff allowance . 250 0 0
		Total . 475 12 0
16. „ R. H. Dawson, M.S.C.	Magistrate, 1st class. (*On furlough for 1 year, from 29th January 1888.*)	
17. „ S. H. Pelly, BO.S.C.	Kyauksè. Magistrate, 1st class. (*Offg.*) Comdt.	225 12 0
		Staff allowance . 250 0 0
		Total . 475 12 0
18. „ C. C. Anderson, B.S.C.	Pyinmana. (*Offg.*) Comdt., Railway Battalion. Magistrate, 1st class.	225 12 0
		Staff allowance . 250 0 0
		Total . 475 12 0
19. „ G. D. Atkinson, BO. S.C.	Railway Battalion	225 12 0
		Staff allowance . 200 0 0
		Total . 425 12 0

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.	
			R a. p.
	BURMA—*concld.*		
	POLICE DEPARTMENT—*concld.*		
	Assistant Commandants of Military Police Battalions—concld.		
20. Lieut. P. B. Vaughan, B.S.C.	(*On special duty with Mu Valley Survey.*)		225 12 0
		Staff allowance .	200 0 0
		Total .	425 12 0
21. „ A. W. Leonard, M.S.C.	Myadaung		225 12 0
		Staff allowance .	200 0 0
		Total .	425 12 0
	MISCELLANEOUS.		
Taw Sein Kho . . .	Government Translator . . .		300 0 0
Mr. E. Forchhammer, Ph.D. .	Rangoon	Allowance	150 0 0
„ R. Romanis, D. Sc., F.G.S.E.	Rangoon	Allowance	150 0 0
	ASSAM.		
	CHIEF COMMISSIONER.		
Mr. D. Fitzpatrick, C.S.I., C.S. .	Chief Commissioner		4,166 10 8
„ C. J. Lyall, M.A., LL.D., C.I.E., C.S.	Secretary to the Chief Commissioner . (*Offg. Judge and Commr., A. V. D. from 16th July 1888.*)		2,000 0 0
		Acting allowance .	500 0 0
		Fixed travelling allowance	250 0 0
		Total .	2,750 0 0
„ F. C. Daukes, C.S. . .	Depy. Commr., 1st Grade, Assam. (*Offg. Secy. to the Chief Commr.*)		1,833 5 4
		Acting allowance	166 10 8
		Total .	2,000 0 0
„ R. S. Greenshields, C.S. .	Assistant Secretary to the Chief Commissioner.		700 0 0
Lieut. H. R. Browne, B.S.C. .	Personal Assistant to the Chief Commr.		700 0 0
Mr. H. Luttman-Johnson, C.S.	(*Furlough for one year from 31st July 1888*)		
„ R. H. Greaves, C.S. .	Civil and Sessions Judge of Sylhet and Sessions Judge of Cachar.		2,000 0 0
	DEPUTY COMMISSIONERS (13).		
	1st Grade, 3 on R1,833-5-4 each per mensem.		
1. Mr. A. C. Campbell .	Kamrup, Gauhati.		

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	ASSAM—*contd.*				
	Deputy Commissioners (13)—*contd.*				
	1st Grade, 3 on R1,833-5-4 each per mensem—contd.				
2. Mr. F. C. Daukes, C.S.	(*Offg. Secy. to Chief Commr. of Assam.*)		1,833	5	4
		Acting allowance	166	10	8
		Total	2,000	0	0
3. „ H. C. Williams, C.S.	Khasi and Jaintia Hills, Shillong. Inspector General of Police, Jails, and Registration; Supdt. of Stamps and Commr. of Excise from 15th September 1885.		1,833	5	4
	2nd Grade, 4 on R1,666-10-8 each per mensem.				
1. Mr. G. Stevenson, C.S.	Sylhet. (*Offg. Deputy Commr., 1st Grade, from 23rd May 1888.*)		1,666	10	8
		Acting allowance	166	10	8
		Total	1,833	5	4
2. „ J. Knox-Wight, B.A., C.S.	Sibsagar		1,666	10	8
3. „ G. Godfrey, C.S.	Goalpara, Dhubri		1,666	10	8
4. Capt. H. St. P. Maxwell, B.S.C.	Khasi and Jaintia Hills, Shillong		1,666	10	8
	3rd Grade, 3 on R1,333-5-4 each per mensem.				
1. Mr. J. J. S. Driberg	Luckhimpur, Dibrugurh. (*Offg. Deputy Commr., 2nd Grade, from 4th April 1888.*)		1,333	5	4
		Acting allowance	333	5	4
		Total	1,666	10	8
2. „ J. Kennedy, C.S.	Cachar		1,333	5	4
3. „ G. E. McLeod	Nowgong		1,333	5	4
	4th Grade, 3 on R1,000 each per mensem.				
1. Mr. A. E. Heath	Appointed Political Agent, Manipur. (*Offg. Depy. Commr., 3rd Grade, from 23rd May 1888.*)		1,000	0	0
		Acting allowance	266	10	8
		Total	1,266	10	8
2. Major M. A. Gray, B.S.C.	Garo Hills, Tura		1,000	0	0
3. Mr. R. B. McCabe, C.S.	Darrang, Tezpur		1,000	0	0

Names.	Appointments.	Salaries and Allowances per mensem.	
	ASSAM—*contd.*		*R a. p.*
	Assistant Commissioners (25).		
	1st Grade, 5 on R800 each per mensem.		
1. Mr. J. D. Anderson, C.S. .	(*Furlough for 2 years, from 26th May 1887.*)		
2. „ F. St. C. Grimwood, M.A., C.S.	Manipur. (*Offg. Depy. Commr., 4th Grade, from 24th April 1888.*)		800 0 0
		Acting allowance .	200 0 0
		Total .	1,000 0 0
3. „ A. Porteous, C.S. .	Kohima, Naga Hills. (*Offg. Depy. Commr., 4th Grade, from 21st May 188*.*)		800 0 0
		Acting allowance .	200 0 0
		Total .	1,000 0 0
4. „ J. C. Arbuthnott, C.S.	North Lakhimpur		800 0 0
5. Vacant.			
	2nd Grade, 7 on R700 each per mensem.		
6. Mr. R. R. Pope, C.S. .	(*Furlough for 19 months, from 28th April 1888.*)		
7. Capt. P. E. Henderson, B.S.C.	Jowai, Khasi and Jaintea Hills . .		700 0 0
8. Mr. P. G. Melitus, C.S. .	Jorhat (*Offg. Asst. Commr., 1st Grade, from 21st May 1888.*)		700 0 0
		Acting allowance .	100 0 0
		Total .	800 0 0
9. „ A. F. Steinberg, C.S. .	Dibrugarh. (*Offg. Asst. Commr., 1st Grade, from 15th May 1888.*)		700 0 0
		Acting allowance .	100 0 0
		Total .	800 0 0
10. „ A. W. Davis, C.S. .	Naga Hills. (*Offg. Asst. Commr., 1st Grade, from 13th November 1888.*)		700 0 0
		Acting allowance .	100 0 0
		Total .	800 0 0
11. Lieut. H. R. Browne, B.S.C.	Khasi and Jaintea Hills, Shillong. (*Personal Assistant to the Chief Commissioner of Assam*).		700 0 0
12. Vacant.			
	3rd Grade, on R500 each per mensem.		
13. Mr. F. H. O'Brien, C.S. .	Posted to Habiganj, Sylhet. (*Privilege leave from 17th November 1888.*)		
14. „ W. W. Tennon, C.S. .	Hailakandi. (*Offg. Asst. Commr., 2nd Grade, from 10th January 1888.*)		500 0 0
		Acting allowance .	200 0 0
		Total .	700 0 0

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	ASSAM—*contd.*	*R a. p.*
	ASSISTANT COMMISSIONERS (23)—*contd.*	
	3rd Grade, on R500 each per mensem—contd.	
15. Mr. J. L. Herald, C.S.	South, Sylhet. (*Offg. Asst. Commr., 2nd Grade, from 19th October 1888.*)	500 0 0
		Acting allowance . 200 0 0
		Total . 700 0 0
16. „ E. A. Gait, C.S.	Mangaldai. (*Offg. Asst. Commr., 2nd Grade, from 7th October 1888.*)	500 0 0
		Acting allowance . 200 0 0
		Total . 700 0 0
17. „ F. C. Harrison, C.S.	Posted to Dhubri. Under orders of transfer from Bengal.	
18. Lieut. C. G. M. Kennedy	Goalpara. Temporarily in charge of Sub-Division. (*Offg. Asst. Commr., 2nd Grade, from 24th April 1888.*)	500 0 0
		Acting allowance . 200 0 0
		Total . 700 0 0
19. Mr. G. Gordon, C.S.	Kamrup. (*Offg. Asst. Commr., 2nd Grade, from 15th May 1888.*)	500 0 0
		Acting allowance . 200 0 0
		Total . 700 0 0
20. „ W. H. Cossins, C.S.	Sylhet, Karimganj. (*Offg. Asst. Commr., 2nd Grade, from 13th November 1888.*)	500 0 0
		Acting allowance . 200 0 0
		Total . 700 0 0
21. Lieut. P. R. T. Gurdon, C.S.	Sibsagar, Golaghat	500 0 0
22. Mr. H. LeMessurier, C.S.	Sylhet	500 0 0
23. „ F. C. Henniker, C.S.	Sibsagar	400 0 0
24. Lieut. A. A. Howell, B.S.C.	Sibsagar	400 0 0
25. „ F. Twiddell, B.S.C.	Cachar, Silchar	400 0 0
	EXTRA ASSISTANT COMMISSIONERS (29).	
	5th Grade, 2 on R600 each per mensem.	
1. Rai Gunabhiram Sarma Barua, Bahadur.	Nowgong	600 0 0
2. Mr. R. Lea . . .	Lakhimpur, Dibrugarh . . .	600 0 0

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	ASSAM—*contd.*	R a. p.
	EXTRA ASSISTANT COMMISSIONERS (29)—*contd.*	
	4th Grade, 5 on R500 each per mensem.	
1. Babu Harish Chandra Chaki	Kamrup, Gauhati	500 0 0
2. „ Raj Mohan De, B.L.	Sylhet, Habiganj. (*Privilege leave for 3 months from 17th December 1888*).	
3. Rai Sarat Chandra Banerji, Bahadur, M.A., B.L.	Kamrup. Cadastral Settlement Officer .	500 0 0
4. Mr. W. G. Black . .	Cachar, Silchar	500 0 0
5. Babu Chandra Nath Nandi	Sylhet, Sylhet	500 0 0
	3rd Grade, 10 on R400 each per mensem.	
1. Babu Siva Prasad Chakravarti.	Kamrup, Gauhati	400 0 0
2. „ Ishan Chandra Patranavis.	Sylhet, Habiganj	400 0 0
3. „ Jagat Chandra Das, B.L.	Sibsagar	400 0 0
4. Maulavi Hamid Bakht, Mazumdar.	Sylhet, Sylhet	400 0 0
5. Babu Shambhu Narayan Singh.	Ditto, Karimganj	400 0 0
6. „ Guru Prasad Das .	Kamrup, Barpeta	400 0 0
7. Rai Jogesh Chandra Chatterji, Bahadur, M.A., B.L.	Sylhet, Sunamganj	400 0 0
8. Babu Haliram Barua .	Nowgong	400 0 0
9. „ Ram Gopal Khan, B.A., B.L.	Goalpara, Dhubri	400 0 0
10. Munshi Azizar Rahman .	Sibsagar, Sibsagar. (*Privilege leave for 3 months from the 1st December 1888*).	
	2nd Grade, 7 on R300 each per mensem.	
1. Babu Jagat Bandhu Nag, B.L.	Cachar, Silchar	300 0 0
2. „ Jiban Rai . .	Khasi and Jantia Hills, Shillong. .	300 0 0
3. Maulavi Najmul Hossein Ahmad.	Darrang, Mangaldai. . . .	300 0 0
4. Babu Madhav Chandra Bardoloi, L.L.	Darrang, Tezpur	300 0 0
5. Mr. Manmatha Nath Ghose, M.A., B.L.	Sylhet, South Sylhet	300 0 0
6. Babu Prasanna Kumar Ghose.	Sibsagar	300 0 0
7. „ Kedar Nath Sanyal, B.A.	Sylhet, Habiganj	300 0 0
	1st Grade, 5 on R250 each per mensem.	
1. Babu Kanti Charan Mukherji.	Sibsagar.	250 0 0
2. „ Nrityagopal Chatterji, B.L.	Cachar, Silchar	250 0 0

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	ASSAM—*contd.*				
	Extra Assistant Commissioners (29)—*contd.*				
	1st Grade, 5 on R250 each per mensem—contd.				
3. Babu Gour Charan Das	Sylhet.		250	0	0
4. Mr. C. J. F. More	Sibsagar, Jorhat		250	0	0
5. Babu Kali Ram Chaudhuri, B.A., B.L.	Kamrup, Barpeta		250	0	0
„ Prakash Chandra Datta.	Kamrup, Gauhati. Superintendent, Assam Valley Districts, Commissioner's Office,		250	0	0
„ Parsu Ram Khaund (*Offg.*)	North Lakhimpur		175	0	0
		Acting allowance.	75	0	0
6. „ Sarut Chandra Mazumdar (*Offg.*)	Golaghat		175	0	0
		Acting allowance.	75	0	0
7. Munshi Muhibuddin, B.A., B.L. (*Offg.*)	Goalpara		200	0	0
	Sub-Deputy Collectors.				
	1st Grade, 2 on R200 each per mensem.				
1. Babu Akshay Kumar Chatterji.	Sylhet, Sunamganj		200	0	0
2. Vacant.					
	2nd Grade, 3 on R175 each per mensem.				
1. Babu Parsu Ram Khaund	Lakhimpur. (*Offg. Extra Asst. Commr.*)		175	0	0
2. „ Sarut Chundra Mazumdar.	Golaghat. *Ditto* *Ditto*		175	0	0
	3rd Grade, 4 on R150 each per mensem.				
1. Babu Mahim Chandra Chakravarti.	Darrang, Tezpur.		150	0	0
3. „ Jai Chundra Mitra	Nowgong		150	0	0
2. „ Chandra Kanta Sen	Kamrup		150	0	0
„ G. C. P. Bhuyan	Sibsagar, Golaghat		150	0	0
	4th Grade, 4 on R125 each per mensem.				
1. Babu Lakshmi Nath Kakati	Sibsagar, Jorhat		125	0	0
2. „ Phanidhar Chaliha	Darrang, Mangaldai. (*Privilege leave for 3 months from 1st November 1888.*)				
3. „ Dakshina Charan Sen.	Cachar		125	0	0
4. Munshi Mashiat Ulla	Nowgong		125	0	0

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	ASSAM—*contd.*	₹ a. p.
	SUB-DEPUTY COLLECTORS—*contd.*	
	5th Grade, 6 on ₹100 per mensem.	
1. Maulavi Muhammad Hamid	Cachar, Hailakandi. (*Temporary, on probation.*)	
2. Babu Krishna Chandra Chaudhuri.	North Lakhimpur	100 0 0
3. „ Rasik Lal Sen, B.A. .	Dhubri. (*On probation.*)	
4. „ Parbati Charn Roy Chaudhri, B.A.,B.L.	Dibrugarh (*Ditto.*)	
6. „ Bhola Nath Das .	Nowgong. (*On probation.*) *On deputation with the Cadastral Survey Party in the Sibsagar District.*	
7. „ Raman Krishna Sarma Biswas, B.A.	Nowgong. (*Offg.*) *vice Babu Bhola Nath Dass.*	
	TAHSILDARS.	
	1st Grade, ₹200 per mensem.	
1. Babu Gobinda Ram Chaudhuri.	Kamrup, Pálasbari	200 0 0
	2nd Grade, ₹175 per mensem.	
	(Nil.)	
	3rd Grade, ₹150 per mensem.	
1. Babu Dambarudhar Barkagoli.	Kamrup	150 0 0
	4th Grade, ₹100 per mensem.	
1. Babu Prithiram Chaudhuri	Kamrup, Bajali.	100 0 0
2. „ Kali Ram Das .	Kamrup, Chaygaon. (*On probation.*)	
3. „ Chini Ram Das .	Kamrup, Chamariya. (*Ditto.*)	
4. „ Jaga Bandhu Das .	Cachar, Hailakandi.	
5. „ Bangshidhur Sarma Barua.	Kamrup, Pati Darrang. (*On probation.*)	
6. „ Purandhar Das Chaudhuri.	Darrang, Mangaldai.	
7. „ Chana Ram Dutta .	Kamrup, Luki.	
8. „ Ratneswar Goswami.	„ Hajo. (*On probation.*)	
9. „ Aharu Das . .	„ Tambulpur. (*Ditto.*)	
10. „ Rabi Chandra Sarma	Tezpur, Tahsil Darrang. (*Granted 3 months' extraordinary leave without pay.*)	
11. „ Uday Ram Barua .	Nalbari, Tahsil Kamrup. (*On probation.*)	
12. „ Ganga Nath Sarma (*Offg.*)	Tezpur, Tahsil Darrang. *Offg.* for Babu Rabi Chunder Sarma.	
13. „ Jibaneswar Gossami .	Buaroma, Tahsil Kamrup.	
14. „ Dharanidhar Barua .	Halaigaon, Tahsil Darrang.	

Names.	Appointments.	Salaries and Allowances per mensem.
	ASSAM—*contd.*	*R a. p.*
	Subordinate Judicial Service.	
	Subordinate Judge, 2nd Grade.	
1. Babu Jiban Kristo Chatterji	Sylhet	600 0 0
	Munsifs, 1st Grade, R400 per mensem.	
1. Babu Ram Chandra Dhar .	Sylhet, Habiganj	400 0 0
2. „ Prem Chand Pal .	„ Habiganj, 2nd Munsif . .	400 0 0
4. Maulavi Mohabat Ali .	„ Karimganj	400 0 0
	Munsifs, 2nd Grade, R300.	
1. Babu Gopal Chandra Banerji	Sylhet. (*Medical leave for 3 months from 18th May 1888; further extension for 3 months.*	300 0 0
2. „ Purna Chandra Dey, M.A., B.L.	Sylhet, Habiganj, 3rd Munsif . .	300 0 0
	Munsifs, 3rd Grade, R250.	
1. Babu Pran Krishna Biswas	Sylhet, Sunamganj	250 0 0
2. „ Akshay Kumar Mittra	Sylhet	250 0 0
3. „ Mahini Nath Mitter.	„ Maulvi Bazar, 1st Munsif .	250 0 0
	Munsifs, 4th Grade, R200.	
1. Babu Ashutosh Banerji, B.A., B.L. Sub. *pro tem.*	Sylhet, Maulavi Bazar, 2nd Munsif .	200 0 0
	Officiating Munsifs.	
1. Babu Kamala Nath Das, B.L.	Sylhet, Sylhet. (*Offg.* for Babu Gopal Chandra Banarji.)	200 0 0
	Jail Department.	
Surgeon J. W. U. Macnamara	Sylhet, Sylhet	Allowance . 150 0 0
Surgeon-Major S. Borah .	Kamrup, Gauhati	„ . 100 0 0
Surgeon R. N. Campbell .	Darrang, Tezpur	„ . 50 0 0
		Supdt. of Tezpur, Lunatic Asylum . 150 0 0
		Total . 200 0 0
The Deputy Commissioner, Khasi and Jaintea Hills.	Khasi and Jaintea Hills, Shillong.	

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	ASSAM—*contd.*	₹ a. p.
	EDUCATION DEPARTMENT.	
Mr. J. Willson . . .	Inspector of Schools, Assam, 3rd Class, Bengal Education Department, also Registrar of Books under Act XXV of 1867.	1,000 0 0
	Deputy Inspectors of Schools (4).	
	1st Grade (1) on ₹200 per mensem.	
Babu Nava Kisor Sen . .	Sylhet, Surma Valley	200 0 0
	2nd Grade (1) on ₹150 per mensem.	
Babu Hari Mohan Lahiri .	Gauhati, Lower Assam.	150 0 0
	3rd Grade (2) on ₹125 per mensem.	
Babu Ratnadhar Datta .	Sibsagar, Upper Assam . . .	125 0 0
„ Giris Chandra Datta .	Tezpur, Central Assam . . .	125 0 0
	Head Master, Government High Schools.	
	1st class (3) on ₹150, rising to ₹200.	
Babu Durga Kumar Basu, B.A.	Sylhet	200 0 0
„ Abhaya Charan Surma .	Gauhati	180 0 0
„ Rammohan Mitra, B.A. .	Dibrugarh	180 0 0
	2nd class (1) on ₹125, rising to ₹150 per mensem.	
Babu Chandra Mohan Gossami	Sibsagar	150 0 0
	3rd class (4) on ₹100, rising to ₹125 per mensem.	
Babu Sosi Bhusan Datta .	Tezpur	125 0 0
„ Mohendra Nath Datta, B.A.	Jorhat	125 0 0
„ Prosuna Kumar Sen .	Dhubri	115 0 0
„ Obhaya Charan Das, M.A.	Cachar	115 0 0
	4th class (2) on ₹100, fixed pay.	
Babu Haran Chandra Das .	Nowgong. On probation Sub. *pro tem.*	100 0 0
„ Lambodar Das, B A., B.L.	Kohima	100 0 0

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	ASSAM—*contd.*				
	Education Department—*concld.*				
	Head Master of Government Normal School.				
	(1) R200 per mensem.				
Revd. J. E. Evans . .	Cherrapunji		200	0	0
	(1) on R100 per mensem.				
Babu Brajapati Bauerji . .	Gauhati		100	0	0
	Medical Department.				
Depy. Surgn.-Genl. A. Eteson, M.D.	*(Furlough on Medical certificate for 6 months, from 21st August 1888.)*				
Dr. C. P. Costello, F.R.C.S.E. .	Sanitary Commr. of Assam . . .		1,800	0	0
Surgeon-Major J. W. Wright, M.B.D.S.O.	Shillong, 43 G. L. I. In medical charge of Civil Station of Shillong.	Charge allowance .	100	0	0
Surgeon-Major S. Borah, M.B.	Gauhati		750	0	0
		Superintendent of Jail	100	0	0
		Labour Transport Fund .	50	0	0
		Total .	900	0	0
Surgeon J. Mullane, M.D. .	*(Furlough for 1 year from 29th May 1888.)*				
Surgeon R. N. Campbell, M.B.	Tezpur		550	0	0
		Superintendent, Tezpur Lunatic Asylum .	150	0	0
		Superintendent of Jail	75	0	0
		Labour Transport Fund .	50	0	0
		Total .	825	0	0
„ J. W. N. Macnamara, M.D.	Sylhet		550	0	0
		Superintendent of Jail	150	0	0
		Total .	700	0	0
„ R. H. Whitwell, M.B.	Dibrugarh		550	0	0
		Labour Transport Fund	50	0	0
		Total .	600	0	0

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	ASSAM—*contd.*				
	Medical Department—*contd.*				
Surgeon E. F. H. Dobson, M.B.	Dhubri		550	0	0
		Labour Transport Fund	100	0	0
		Meteorological allowance	30	0	0
		Total	680	0	0
„ Hem Chundra Banerji (*Offg.*)	Sibsagar		427	7	1
„ P. de Conceçao	Naga Hills, Kohima.				
Dr. T. D'O. Partridge	Cachar		700	0	0
		Labour Transport Fund	50	0	0
		Total	750	0	0
„ Pyari Mohun Gupta, M.B., C.M.	Garo Hills, Tura		350	0	0
		Garo Hills allowance	100	0	0
		Total	450	0	0
Apothecary J. McNaught	Nowgong.		450	0	0
Asst. Surgn. Narayan Chandra Basu.	Silchar.		100	0	0
		Labour Transport Fund	50	0	0
		Total	150	0	0
„ Atul Chandra Ray	Dhubri	Paid from Labour Transport Fund	100	0	0
„ Annada Prasad Ghosh.	Dibrugarh	Ditto	100	0	0
	Ecclesiastical Department.				
Revd. Walter A. Hamilton	Junior Chaplain, Gauhati and Shillong		500	0	0
		Shillong allowance, 6 months in the year	150	0	0
	Other Clergymen receiving allowances from Government.				
Revd. T. T. Crossfield	Minister, Cachar		150	0	0
„ D. J. Flynn	„ Tezpur		150	0	0
„ C. Dowding	„ Dibrugarh		150	0	0

Names.	Appointments.	Salaries and Allowances per mensem.
	ASSAM—*contd.*	
	Ecclesiastical Department—*contd.*	R a. p.
	Ministers licensed to solemnize marriages under Clause 3, Section 5, Act XV of 1872.	
Revd. R. E. Neighbor	Marriage Registrar, Nowgong. (*On furlough.*)	
„ E. W. Clark	Ditto Sibsagar.	
„ S. Endle	Ditto Darrang.	
„ Griffith Griffiths	Ditto Khasi Hills.	
Pastor Siram	Ditto Goalpara.	
Revd. P. H. Moore	Ditto Nowgong.	
	Missionaries with powers under Section 9, Act XV of 1872.	
Revd. T. Jerman Jones	Marriage Registrar Khasi Hills.	
„ J. Roberts	Ditto Ditto.	
„ U. Don Ray	Ditto Ditto.	
„ John Jones	Ditto Ditto.	
„ P. H. Moore	Ditto Nowgong.	
„ Tuni J. Goldsmith	Ditto Ditto.	
Ram Khe Garo	Ditto Garo Hills.	
Revd. A. K. Gurney	Ditto Sibsagar.	
„ M. C. Mason	Ditto Garo Hills.	
„ E. G. Phillips	Ditto Ditto.	
Malgong Garo	Ditto Ditto.	
Revd. William Williams	Ditto Khasi Hills.	
„ R. Evans	Ditto Ditto.	
„ C. L. Stephens	Ditto Ditto.	
Pastor Siram	Ditto Goalpara.	
Sanatan Shom	Ditto Sylhet.	
Revd. C. D. King	Ditto Naga Hills.	
„ W. E. Witter	Ditto Sibsagar. (*On leave.*)	
„ S. W. Rivenburg	Ditto Kohima.	
U. Dorkha	Ditto Khasi and Jaintia Hills.	
Jang Lalu	Ditto Jowai.	
Dr. A. D. Hughes	Ditto Ditto.	
U. Sali Kyngon	Ditto Monnai.	
Rankhu Garo	Ditto Rewak, Garo Hills.	
Towang Garo	Ditto Chatchalija, Garo Hills.	
Revd. Kandura R. Smith	Ditto Kamrup.	
	Ministers licensed under Sec. 6, Act XV of 1872.	
Revd. Issac P. Row	Marriage Registrar within Province.	
„ T. Jerman Jones	Ditto ditto ditto.	
„ John Pegwern Jones	Ditto ditto ditto.	
U. Ksan	Ditto Khasi Hills.	
Revd. Kandura R. Smith	Ditto Kamrup.	
	Marriage Registrars under Act XV of 1872.	
	(All Deputy Commissioners of the Province.)	

Names.	Appointments.	Salaries and Allowances per mensem.	
			R a. p.
	ASSAM—*contd.*		
	Ecclesiastical Department—*concld.*		
	Marriage Registrars under Act III of 1872.		
	(All Sub-Registrars at Sadr Stations.)		
	Police Department.		
Mr. H. C. Williams, C.S.	Inspector General of Police, Assam		1,833 5 4
	Commandant, Military Police, Assam.		
Capt. E. H. Molesworth	13th B. L. I. (*Leave for 1 year from 13th July 1888.*)		
Lieut. R. M. Maxwell, B.S.C. (*Offg.*)	Lakhimpur, 6th B.L.I.		225 0 0
		Acting allowance	200 0 0
		Total	425 0 0
Lieut. D. C. F. Macintyre, B.S.C	Naga Hills, Kohima, 1st Battalion, Goorkas.		525 12 0
			100 0 0
		Total	625 12 0
	District Superintendents of Police.		
	1st Grade on R1,000.		
Mr. W. W. Daly	Cachar, Silchar.		1,000 0 0
			Passed in Lushai and Kachari languages. (*Commandant, Frontier Police, Surma Valley Battalion.*)
	2nd Grade. *Nil.*		
	3rd Grade, on R700 per mensem.		
Mr. D. W. Ritchie	Sylhet.		700 0 0
„ A. E. C. Bolst	Goalpara, Dhubri. Commandant, Military Police, Garo Hills.		700 0 0
	4th Grade, on R600 per mensem.		
Mr. W. B. Savi	Garo Hills		600 0 0
		Local allowance	100 0 0
		Charge allowance	100 0 0
		Total	800 0 0

Names.	Appointments.	Salaries and Allowances per mensem.	R	a.	p.
	ASSAM—*contd.*				
	Police Department—*contd.*				
	5th Grade, on R500 per mensem.				
Mr. L. E. Fabre-Tonnerre .	Sibsagar. (*Offg. 4th Grade, from 19th May 1888.*)		500	0	0
		Acting allowance	100	0	0
		Total .	600	0	0
Mr. F. R. Guise . . .	Lakhimpur, Dibrugarh . . .		500	0	0
	Assistant Superintendents of Police (6).				
	1st Grade, on R400 per mensem.				
Mr. W. R. Waller . .	Darrang, Tezpur		400	0	0
	2nd Grade, on R300 per mensem.				
Mr. E. Muspratt . .	Naga Hills. Wakha, Sub-Divisional Officer, Wakha. (*Offg. 1st Grade.*)		300	0	0
		Special allowance .	100	0	0
		Naga Hills allowance	100	0	0
		Acting allowance .	100	0	0
		Total .	600	0	0
L. St. J. Brodrick . .	(*Leave on private affairs from 23rd June 1888 to 22nd June 1889.*)				
Mr. E. C. S. Baker . .	North Cachar. (*Offg. 1st Grade, from 27th July 1886.*)		300	0	0
		Acting allowance .	100	0	0
		Local allowance	150	0	0
		Total .	550	0	0
„ F. A. Fullerton . .	Cachar, Silchar. (*Offg. 1st Grade, from 8th November 1886.*)		300	0	0
		Acting allowance .	100	0	0
		Total .	400	0	0
	3rd Grade on R250.				
„ A. B. C. Comber . .	(*Offg.*) Kamrup, Gauhati . . .		250	0	0

Names.	Appointments.	Salaries and Allowances per mensem.
	ASSAM—*concld.*	
	Registration Department.	
	The Inspector General of Registration is Registrar of Joint Stock Companies, and also Inspector General of Police.	
	The Inspector General of Registration Offices, Assam, is also Special Sub-Registrar of Shillong, and Assistant Registrar of Joint Stock Companies.	
	Registrars. (All Deputy Commissioners in their respective districts.)	
	COORG.	
Genl. Sir H. N. D. Prendergast, K.C.B., V.C., R.E.	*Offg.* Chief Commissioner and Judicial Commissioner of Coorg.	No salary or allowance paid to this officer from the revenues of Coorg.
Mr. E. G. Colvin, B.C.S.	Secretary	Allowance ₹250 0 0
Col. T. G. Clarke, M.S.C.	Commissioner of Coorg	Salary ₹1,500 0 0
Mr. B. C. Leggatt	1st Asst. Commissioner and District Magistrate of Coorg.	„ ₹760 0 0
„ K. Ganapathy (Uncov.)	2nd Asst. Commissioner	„ ₹300 0 0
Surgeon J. C. Marsden	Civil Surgeon and Supdt. of Mercara Jail	Salary ₹550+50 Jail allowance.
Mr. E. Marsden, B.A. (Uncov).	Inspector of Schools in Coorg.	„ ₹750*
	HYDERABAD.	
	Judicial.	
Mr. R. Obbard, B.C.S.	Special Assistant Commissioner	₹1,000
Captain W. Hastings, B.S.C.	Ditto ditto. (*On furlough.*)	
Mr. C. A. W. Davies (Uncov.)	Assistant Commissioner, 2nd Class. *Offg.* Special Assistant Commissioner.	„ 900, includes acting allowance.
Rao Bahadur Purshottam Rao Narayan (Uncov.)	Judge, Small Cause Court, Amraoti	„ 600
Maulvi Mahomed Nizamuddin Hassan Khan, B.A., B.L. (Uncov.)	Asst. Commr., 3rd Class, *Offg.* 2nd Class and Judge, Small Cause Court, Akola.	„ 500, includes acting and personal allowance.
Mr. Maacksha Ruttonji Dastur (Uncov.)	*Offg.*, Judge, Small Cause Court, Khamgaon.	„ 250
	Jails, Registration and Stamps.	
Col. C. T. Lane, B.S.C.	Inspector-General of Jails, Registration, Police, and Stamps.	₹1,600, includes personal allowance.

* One-sixth of the salary is paid from Coorg Revenue.

Names.	Appointments.	Salaries and Allowances per mensem.
	HYDERABAD—*contd.*	
	Sanitation and Medical.	
Surgn.-Major C. Little, M.D.	Sanitary Commissioner, Inspector-General of Dispensaries, and Superintendent of Vaccination.	R1,200
„ R. B. Roe	Civil Surgeon, Amraoti	„ 700, includes Jail allowance.
Surgeon E. W. Reilly	Ditto, Akola	„ 700 ditto ditto.
Senr. Apothecary D. Callaghan	Civil Surgeon, Buldana	„ 500, includes Jail allowance.
Surgeon F. J. Doyle	Civil Surgeon, Ellichpur	„ 150 (allowance for Civil duties and charge of Jail, exclusive of mily. pay.)
Apothecary O. W. Jones, M.D.	Ditto, Basin	„ 400, includes Jail allowance.
„ J. Monison	Civil Surgeon, Yeotmal	„ 400, includes Jail and acting allowance.
	Education.	
Rao Br. Shriram Bhikaji Jatar B.A. (Uncov.)	Director of Public Instruction	R1,000
Mr. Vishnu Moreshwar Mahajani, M.A. (Uncov.)	Inspector of Schools	„ 300*
	Police.	
Lieut.-Col. C. T. Lane, B.S.C.	Inspector-General of Police	R1,600, includes personal allowance.
	District Superintendents.	
Mr. F. Wright (Uncov.)	District Superintendent, 1st Class	R1,000 + R50, Railway allowance.
„ N. R. Cumberlege (Uncov.)	District Superintendent, 2nd Class. (*On furlough.*)	
Lieut-Col. E. J. Gunthorpe, M.S.C.	Ditto ditto, 3rd Class. (*Offg. 2nd Class.*)	R1,050, includes acting, personal and Railway allowances.
Mr. H. F. Cotgrave (Uncov.)	Ditto ditto, ditto	R700
„ E. W. D. Moffat	Ditto ditto, 4th Grade. (*Offg. 3rd Grade.*)	„ 700, includes acting allowance.
„ H. A. Heath	Ditto ditto, ditto.	„ 600
„ C. A. Fraser	Assistant District Superintendent, 1st Grade. (*Offg. Dist. Supdt., 4th Class.*)	„ 600, includes acting allowance.
„ Yezdiar R. Viccaji	Assistant Superintendent (1st Grade).	„ 400 ditto ditto.
„ J. T. B. D. Sewell	Ditto ditto, (2nd Grade) (*Offg. 1st Grade.*)	„ 400, includes acting allowance + 30 horse allowance.
„ F. T. Coode	(*Offg.*) Asst. Supdt., 2nd Grade	„ 300

* R800, rising to R500.

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	PORT BLAIR AND THE NICOBARS.	
	1 Chief Commissioner and Superintendent at R2,500, rising to R3,000 per mensem by R100 annually.	
1. Col. T. Cadell, v.c. . .	Chief Commissioner and Superintendent (*On furlough*).	
2. Lieut.-Col. L. H. E. Tucker	Offg. ditto (Dy. I. G. P., Punjab, 2nd Grade.)	R1,200 + 866
	1 Depy. Supdt. at R1,000, rising to R1,500 per mensem by R100 annually.	
1. Capt. H. M. Thornhill .	Deputy Superintendent . . .	R1,000
	1st Asst. Supdt., 1 at R850, rising to R1,000 per mensem by R50 annually.	
1. Mr. E. H. Man . .	1st Asst. Superintendent . . .	R1,000
	2nd Asst. Supdt., 1 at R700, rising to R850 per mensem by R50 annually.	
1. Mr. F. E. Tuson . .	2nd Asst. Supdt. (*On furlough.*)	
	3rd Asst. Supdt., 1 at R500, rising to R700 per mensem by R50 annually.	
1. Mr. O. H. Brookes . .	3rd Asst. Superintendent. (*On privilege leave.*)	R700
	Extra Asst. Supdts., 1st Class, 2 at R400, rising to R600 per mensem by R25 annually.	
1. Mr. H. Godwin-Austen .	Extra Asst. Supdt., 1st Class. (*Offg. 2nd Asst. Supdt.*)	R475 + 65
2. „ M. V. Portman . .	Ditto ditto (*Offg. 3rd Asst. Supdt.*)	„ 500
	Extra Asst. Supdts., 2nd Class, 3 at R250, rising to R400 per mensem by R25 annually.	
1. Mr. W. Jessop . .	Extra Asst. Supdt., 2nd Class. (*Offg. Extra Asst. Supdt., 1st Class.*)	R325 + 85
2. „ R. Wimberley . .	Extra Asst. Supdt., 2nd Class. (*On privilege leave.*)	
3. „ T. J. M. Metcalfe .	Ditto ditto. (*On deputation to Burma.*)	
Mohamad Ashik Ali Khan .	(*Offg.*), ditto. (*Offg., 1st Class.*)	„ 200

Names.	Appointments.	Salaries and Allowances per mensem.
	PORT BLAIR AND THE NICOBARS—*contd.*	
	Medical.	
Surgn.-Major W. N. Keefer . .	Senior Medical Officer. (*On sick leave.*)	
Surgeon P. G. Mackenzie, M.B.	(*Offg.*) Senior Medical Officer . .	R800 + 199—15—11
Mr. G. C. D. Gupta, L.M.S. .	Junior Medical Officer . . .	„ 150 + 75 + 150
„ A. K. Chowdhuri . .	Ditto ditto	„ 150 + 75 + 150
„ Poornoo Chunder Singh .	Ditto ditto	„ 200 + 100 + 150
	Ecclesiastical.	*R a. p.*
Revd. C. H. Chard . .	Junior Chaplain	600 0 0
	Police.	
Capt. L. B. Linsdell . .	Dist. Supdt. of Police.	
	MISCELLANEOUS.	
The Hon'ble Sir Gregory Charles Paul, B.A., K.C.I.E. (*Barrister-at-Law*).	Advocate-General	3,448 8 0
Mr. A. Phillips (*Barrister-at-Law*).	Standing Counsel. (*Furlough for 1 year, from 12th April 1888.*)	
	(*Offg.*) ditto.	
Mr. R. L. Upton . .	Solicitor to Government.	
„ C. M. W. Brett, C.S. (*Barrister-at-Law*).	Registrar, High Court, Calcutta, Appellate Side.	1,700 0 0
„ R. Belchambers . .	Registrar, High Court, Calcutta, Original Side, Keeper of Records, Taxing Officer, Accountant-General, and Sealer, &c.	1,875 0 0
„ L. P. D. Broughton (*Barrister-at-Law*).	Administrator-General.	
Col. H. S. Jarrett . .	Secretary, Board of Examiners . .	2,000 0 0
Surgn.-Genl. Sir Benjamin Simpson, B.A., M.D., K.C.I.E.	Sanitary Commissioner and Surgeon-General with the Government of India.	
Surgn.-Major A. Barclay, M.B.	Secy. to the Surgeon-General and Sanitary Commissioner with the Government of India. (*Furlough, on medical certificate, for 1 year, from 22nd January 1888.*)	

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
	MISCELLANEOUS—*contd.*	
Surgn.-Major G. Bomford, M.D.	(*Offg.*) Secy. to the Surgeon-General and Sanitary Commissioner with the Government of India.	*R a. p.*
„ D. Wilkie, M.B. .	Statistical Officer to the Government of India in the Sanitary and Medical Department. (*Furlough on private affairs, for 1 year from 4th April 1888.*)	
„ G. Hutcheson, M.D., C.M.	(*Offg.*) Statistical Officer to the Government of India in the Sanitary and Medical Department.	
„ S. H. Browne .	In joint medical charge, Simla . .	750 0 0
„ G. F. A. Harris .	Ditto ditto . . .	550 0 0

* R1,200 rising to R1,400.

List of Civil Officers holding gazetted appointments under the Government of India, in the Legislative Department, as it stood on the 1st January 1889.

NAMES.	APPOINTMENTS.	SALARIES AND ALLOWANCES PER MENSEM.
		R *a.* *p.*
The Hon'ble A. R. Scoble, Q.C., C.S.I.	Ordinary Member of the Governor General's Council.	6,400 0 0
„ „ J. W. Quinton, C.S.I.	Additional Member of Council of the Governor General for making Laws and Regulations.	3,500+616 10 8
„ „ F. M. Halliday .	Ditto ditto . . .	2,916-10-8+616 10 8
„ „ Syud Ameer Hossein, C.I.E.	Ditto ditto . . .	+616 10 8
Mr. S. Harvey James, C.S. .	Secretary to the Government of India in the Legislative Department.	3,500 0 0
„ J. M. Macpherson (*Barrister-at-Law*).	Deputy Secretary, ditto . . .	2,000 0 0
Col. H. S. Jarrett . .	Assistant Secretary, ditto . . .	2,000 0 0

List of Officers holding gazetted appointments under the Government of India in the Foreign Department, as it stood on the 1st January 1889.

Secretariat.

Names.	Appointments.	Salaries and allowances *per mensem*.
		Rs. *a.* *p.*
Sir H. M. Durand, K.C.I.E., C.S.I., C.S.	Secretary . . .	4,000 0 0
Mr. W. J. Cuningham, Bo. C.S.	Under-Secretary .	1,700 0 0*
Mr. J. A. Crawford, Bo. C.S. (*Leave to the 11th January 1889.*)	Junior Under-Secretary .	1,200 0 0
Mr. G. R. Irwin, C. S. .	Offg. Jr. Under-Secretary	1,033 5 4
Lieut. W. H. Cornish, S.C. (*Pol. Asst., 2nd*—Sub. *pro tem. Pol. Agent, 3rd—Class*)	Assistant Secretary .	1,000 0 0
Lieut. J. Manners Smith, S.C. (*Offg. Pol. Asst., 2nd Class.*)	Attaché . . .	550 0 0
Kazi Saiyid Ahmad, Khan Bahadur, C.I.E., U.C.S. (*Leave, m.c., to the 18th April 1889.*)	Attaché . . .	800 0 0
Kazi Muhammad Aslam Khan, C.M.G., N.C.S. (*Asst. Comnr., 3rd grade, Punjab.*)	Offg. Attaché . .	448 0 0

* Including Rs. 200 as Officer in charge of the Press Commissioner's Office.

Appointments.	Names.
	Hyderabad.
Resident	*Vacant* . . . . .
	Mr. A. P. Howell, C.S. (*Offg.*) . .
1st Assistant, and Secretary for Berar, to the Resident .	Mr. G. S. Forbes, M.C.S. . . .
2nd Assistant, and Assistant Secretary for Berar, to the Resident; and Superintendent, Residency Bazaars, and Railway Magistrate.	Lt. M. A. Tighe, M.S.C. . . .
Residency Surgeon	Surgeon-Major E. Lawrie, M.B. . .

* The equivalent o
† "
‡ "

Salaries and allowances *per mensem.*			Remarks
Rs.	*a.*	*p.*	
4,000	0	0	*Resident, 1st Class.*
1,000	0	0	*Special allowance.*
5,000	0	0	
2,500	0	0	
1,000	0	0	Acting allowance, as Offg. Resident, 1st Class.
1,000	0	0	Special allowance.
4,500	0	0	
1,200	0	0	Political Agent, 2nd Class, sub. *pro tem.*
250	0	0	Local allowance as Secretary for Berar.
200	0	0	Additional allowance for the trial of Thagi cases, provided aggregate emoluments do not exceed Rs. 1,650 p. m.
1,650	0	0	
400	0	0	Offg. Political Assistant, 3rd Class.
250	0	0	Temporary local allowance as Superintendent, Residency Bazaars
650	0	0	
750	0	0	Residency Surgeon.
414	3	0	Superintendent of Vaccination.
414	3	0	Superintendent of Medical School.
427	11	1*	Attendance on Nizam and family.
256	9	10†	Surgeon, Afzalganj Hospital.
171	1	3‡	In charge, Nizam's Medical Stores.
2,433	12	2	

Halli Sicca Rs. 500
" " " 300
" " " 200

Appointments.	Names.
	Hyderabad
Assistant to the Resident, and to the General Superintendent of Operations for the Suppression of Thagi and Dakaiti, at Hyderabad.	Lieutenant M. A. Tighe, M.S.C. . .
Extra Assistant, Resident in charge of the Residency Civil Offices and Treasury.	Mr. A. W. S. Murray, U.C.S. . .
Honorary Attaché	Rustomji Faridonji . . . .
Clerk of the Resident's Court, and Government Translator.	Bandhuji Janardan Chaobal, U.C.S. . .
Cantonment Magistrate, and Judge, Small Cause Court.	Major A. M. Muir, S.C. . . .
Assistant Cantonment Magistrate . . .	Syed Shams-ud-din Ali Khan Bahadur, U.C.S.
Attaché to the Resident	Hyder Ali Khan, U.C.S. . . .
Ditto	C. Shama Rao, U.C.S. . . . .
Ditto	*Kumar Shree Harbamji Rawaji, U.C.S.*
Ditto	Mir Hashmath Ali, U.C.S. . . .

Salaries and allowances *per mensem*.			Remarks.
—concluded.			
Rs.	*a.*	*p.*	
400	0	0	Offg. Political Assistant, 3rd Class; and in temporary Command of the Resident's Escort.
40	0	0	House allowance.
440	0	0	
500	0	0	
200	0	0	Wun (Yeotmal). His Highness the Nizam's Officer, temporarily appointed to the Berar Commission.
400	0	0	Extra Assistant Commissioner, 3rd Class,
50	0	0	Allowance as Government Translator,
450	0	0	
.....			
1,000	0	0	Secunderabad.
700	0	0	Assistant Commissioner, 2nd (Offg. 1st) Class, Secunderabad.
200	0	0	Ellichpur (Daryapur).
200	0	0	Secunderabad.
.....			*Leave, without allowances, to the 15th January, 1889.*
200	0	0	Basim

Designation and name.	Date of appointment to commission.
	Berar.
Commissioner.	*One, on Rs. 2,750*
Mr. T. J. C. Plowden, C.S.	21st November 1888
Judicial Commissioner.	*One, on Rs. 2,250*
Colonel K. J. L. Mackenzie, M.S.C.	29th April 1862
Deputy Commissioners.	*1st Class, one, on Rs.*
Colonel H. C. A. Szczepanski, S.C.	10th November 1864
	2nd Class, two, on Rs.
Colonel J. FitzGerald, S.C.	*29th August 1862*
Vacant.	
Col. R. Bullock, M.S.C. (*Offg.*)	*18th July 1862*
Mr. H. B. Knowlys, U.C.S. (*Offg.*)	18th October 1866
Col. F. W. Grant, S.C. (*Offg.*)	5th January 1865
	3rd Class, three, on Rs.
Col. R. Bullock, M.S.C.	*18th July 1862*
Mr. H. B. Knowlys, U.C.S.	*18th October 1866*
Col. E. S. Ludlow, C.I.E., M.S.C. (*Seconded*)	*16th November 1880*
Col. F. W. Grant, S.C.	*5th January 1865*
Mr. H. S. Nicholetts, U.C.S. (*Offg.*)	9th June 1865
Lieut.-Col. H. DeP. Rennick, S.C. (*Offg.*)	19th April 1869
Mr. A. Elliott, U.C.S. (*Offg.*)	28th May 1869
Special Assistant Commissioners.	*Two, on Rs.*
Mr. R. Obbard, C.S.	1st April 1887
Captain W. Hastings, S.C.	*7th September 1887*
Mr. C. A. W. Davies, U.C.S. (*Offg.*)	22nd March 1855
Assistant Commissioners.	*1st Class, three, on Rs.*
Mr. H. S. Nicholetts, U.C.S.	*9th June 1865*
Lieut.-Col. H. DeP. Rennick, S.C.	*19th April 1869*
Mr. A. Elliott, U.C.S.	*28th May 1869*
Syed Shams-ud-din Ali Khan Bahadur, U.C.S. (*Offg.*)	9th July 1878
Muhammad Yasin Khan, U.C.S. (*Offg.*)	3rd May 1876
Dastur Edalji Bahmanji, U.C.S. (*Offg.*)	15th July 1876

Date of promotion to present grade.	Remarks.
per mensem.	
21st November 1888 . .	Amraoti. Fixed travelling allowance of Rs. 250 p.m.
per mensem.	
26th November 1888 . .	Amraoti.
1,833-5-4 per mensem.	
5th February 1885 . .	Buldana.
1,666-10-8 per mensem.	
3rd June 1886 . . .	*Fur., m. c., to the 19th April, 1889.*
26th November 1888 . .	*Privilege leave to the 1st January, 1889.*
26th November 1888 . .	Basim.
25th October 1888 . . .	Akola.
1,333-5-4 per mensem.	
21st March 1880 . . .	*Officiating 2nd Class.*
10th May 1886 . . .	*Officiating 2nd Class.*
20th May 1887 . . .	*Transferred to Foreign Service, 11th February, 1884.*
20th May 1887 . . .	*Officiating 2nd Class.*
26th November 1888 . .	Ellichpur.
26th November 1888 . .	Wun (Yeotmal).
22nd November 1888 . .	Amraoti.
1,000 per mensem.	
1st April 1887 . . .	Akola.
7th September 1887 . .	*Fur., p. a., to the 24th December, 1889.*
25th October 1888 . .	Amraoti.
900 per mensem.	
5th February 1885 . .	*Officiating Deputy Commissioner, 3rd Class.*
10th May 1886 . . .	*Officiating Deputy Commissioner, 3rd Class.*
20th May 1887 . . .	*Officiating Deputy Commissioner, 3rd Class.*
26th November 1888 . .	Assistant Cantonment Magistrate, Secunderabad.
21st November 1888 . .	Amraoti.
20th August 1888 . .	Amraoti.

Designation and name.	Date of appointment to commission.
	Berar
Assistant Commissioners—*concluded.*	*2nd Class, four, on Rs.*
Mr. A. J. Dunlop, U.C.S. (Seconded)	*1st September 1869* . .
Mr. R. D. Hare, U.C.S. (Seconded)	*9th November 1875* . .
Captain J. G. Morris, S.C.	*4th April 1887* . . . .
Mr. C. A. W. Davies, U.C.S.	*22nd March 1855* . .
Syed Shams-ud-din Ali Khan Bahadur, U.C.S. . .	*9th July 1878* . . .
Vacancy.	
Maulavi Muhammad Nizam-ud-din Hassan Khan, U.C.S., (*Offg.*)	11th July 1881 . . .
	3rd Class, five, on
Yar Muhammad Khan, U.C.S. (Seconded) . . .	*26th May 1881* . . .
Muhammad Yasin Khan, U.C.S.	*3rd May 1876* . . .
Dastur Edalji Bahmanji, U.C.S.	*15th July 1876* . . .
Captain R. V. Garrett, S.C.	19th June 1887 . . .
Maulavi Muhammad Nizam-ud-din Hassan Khan, U.C.S.	*11th July 1881* . . .
Lieutenant R. D. C. Davies, S.C.	19th November 1887 . .
	3rd Class, Supernumerary,
Pandit Suraj Narayen, U.C.S.	7th October 1881 . .
Extra Assistant Commissioners.	*1st Class, two, on*
Rao Bahadur Purshottam Rao Narayan, U.C.S. . .	28th September 1868 . .
Shrikrishna Narhar, U.C.S.	1st January 1858 . . .
	2nd Class, two, on
Vishnu Sadaseo, U.C.S. (Seconded)	—— *March 1862* . . .
Atmaram Bhikaji, U.C.S.	13th November 1858 . .
Vacancy.	

Date of promotion to present grade.	Remarks.
—continued.	
700 per mensem.	
10th May 1886 . . .	*Transferred to Foreign Service, 24th May, 1883.*
10th May 1886 . . .	*Ditto ditto 18th April, 1887.*
4th April 1887 . . .	*Privilege leave to the 20th December, 1888. (Not joined.)*
20th May 1887 . . .	*Officiating Special Assistant Commissioner.*
18th August 1887 . . .	*Officiating, 1st Class.*
26th November 1888 . .	Judge, Small Cause Court, Akola.
Rs. 500 per mensem.	
26th May 1881 . . .	*Transferred to Foreign Service, 1st April, 1887.*
28th April 1883 . . .	*Officiating, 1st Class.*
10th May 1886 . . .	*Ditto.*
19th June 1887 . . .	Amraoti.
1st September 1887 . .	*Officiating, 2nd class.*
19th November 1887 . .	Ellichpur.
one, on Rs. 500 per mensem.	
7th April 1887 . . .	(Rs. 333-5-4 p. m., under the two-thirds salary rule.) Basim.
Rs. 600 per mensem.	
29th April 1884 . .	Judge, Small Cause Court, Amraoti.
1st April 1885 . . .	Akola (Telhara).
Rs. 500 per mensem.	
6th November 1885 . .	*Transferred to Foreign Service, 23rd December, 1882.*
6th November 1885 . .	Buldana.

Designation and name.	Date of appointment to commission.
	Berar
Extra Assistant Commissioners—*concluded.*	*3rd Class, five, on*
Bandhuji Janardan Chaobal, U.C.S.	16th November 1881 . .
Munshi Ajudhia Pershad, U.C.S.	15th September 1885 . .
Deo Rao Jeykrishna, U.C.S.	1st January 1860 . . .
Vacancy.	
Vacancy.	
	4th Class, four, on
Vishwanath Narayan Dandekar, U.C.S.	23rd October 1878. . .
Mr. C. H. Price, U.C.S.	15th September 1885 . .
Vacancy.	
Vacancy.	
	5th Class, four, on
Maniksha Ruttanji Dastur, U.C.S.	21st September 1885 . .
Ganesh Shrikishna Khaparde, U.C.S.	24th September 1885 . .
Ardasir Dinshaji, U.C.S.	23rd January 1873 . .
Waman Narayen Bapat, U.C.S.	23rd December 1868 . .
Mr. R. MacGill, U.C.S.	16th February 1886 . .
Keshco Rao Jey Krishna, U.C.S.	.....
Mr. H. S. King, U.C.S. (Seconded)	*30th January 1887* . .
Ganpat Babji Sahasrbudhe, U.C.S. (Seconded.) . . .	*11th April 1887* . . .
Ambadas Santu, U.C.S.	1st May 1858 . . .
Mr. E. Marshall, U.C.S.	8th December 1888 . .
M. Vishwanathum, U.C.S. (*Offg.*)	15th February 1888

Date of promotion to present grade.	Remarks.
—concluded.	
Rs. 400 per mensem.	
6th November 1885 . .	Hyderabad. Clerk of the Resident's Court. Allowance of Rs. 50 as Government Translator.
24th June 1886 . . .	Basim.
1st July 1887 . . .	Wun (Yeotmal).
Rs. 300 per mensem.	
27th July 1886 . . .	Wun (Yeotmal).
1st July 1887 . . .	Akola.
Rs. 250 per mensem.	
21st September 1885 . .	*Offg.* Judge, Small Cause Court, Akola (Khamgaon).
24th September 1885 . .	Amraoti (Badnera).
1st April 1885 . . .	Amraoti (Morsi).
23rd January 1886 . .	Buldana (Malkapur).
16th February 1886 . .	Amraoti.
10th May 1886 . . .	Ellichpur.
30th January 1887 . .	*Treasury Officer, Quetta.*
11th April 1887 . . .	*Transferred to the Resident's Office, 14th December, 1887.*
14th December 1887 . .	Buldana.
8th December 1888 . .	Buldana.
15th February 1888 . .	Wun (Yeotmal).

Names.	Appointment.
	Mysore.
Vacant	*Resident of the 1st Class, and Resident in Mysore and Chief Commissioner of Coorg.*
General Sir H. N. D. Prendergast, K.C.B., V.C., R.E.	Officiatin . . . . .
Mr. E. G. Colvin, C. S.	Assistant to the Resident in Mysore, and Secretary to the Chief Commissioner of Coorg.
Surgeon-Major P. H. Benson, M.B. (M.) (Seconded.)	*Residency Surgeon* . . . . .
Surgeon-Major A. F. Dobson, M.B. (M.) . .	Do. . . . .
Colonel W. Hill, M.S.C.	Civil and Sessions Judge, Civil and Military Station of Bangalore.
Lieut.-Col. H. M. S. Magrath, M.S.C. . .	District Magistrate and Collector, and President, Municipal Commission, Civil and Military Station of Bangalore.
Mr. E. Hewetson, U.C.S.	District Superintendent of Police, Civil and Military Station of Bangalore.
Abdul Rahman, U.C.S.	2nd Magistrate, Civil and Military Station of Bangalore, and in charge of Resident's Treasury, Bangalore.
Mr. R. H. James	Sub-Registrar, Civil and Military Station of Bangalore.

Date of appointment.	Salaries and allowances *per mensem.*	Remarks.
.....	*Rs. a. p.* 4,000 0 6 500 0 0 4,500 0 0	Sumptuary allowance.
10th October 1887 .	4,000 0 0 500 0 0 4,500 0 0	Sumptuary allowance.
26th December 1888 .	700 0 0 250 0 0 950 0 0	Pol. Asst., 3rd—Offg. 1st—Class. Local allowance.
.....	.....	*Employed under the Mysore Government.*
16th August 1883 .	750 0 0 200 0 0 950 0 0	Allowance from Municipality for charge of the Bowring Hospital.
25th March 1881 .	1,200 0 0	
18th February 1887 .	1,000 0 0	
25th March 1881 .	700 0 0	
14th January 1886 .	250 0 0	
7th January 1889 .	.....	

Ajmere-

Designation of appointment, and name of incumbent.	Station.	Position in graded list.	Date when appointment was first created.
Chief Commissioner.			
Vacant.			
Colonel C. K. M. Walter, S.C., sub. *pro tem.*	Abu	Resident, 1st Class, sub. *pro tem.*	1st April 1871
Commissioner.			
Colonel G. H. Trevor, M.S.C.	Ajmere	Resident, 2nd Class ...	1st April 1871
Assistant Commissioners.			
Major A. P. Thornton, S.C.	Ajmere	Political Agent, 3rd Class.	1st June 1877
Captain C. Herbert, S.C.	Merwara (Beawar)	Political Asst., 2nd—Offg. 1st—Class.	1st June 1877
Cantonment Magistrates.			
Captain A. F. DeLaessoe, C.M.G., C.I.E., U.C.S.	Nusseerabad	Political Asst., 2nd—Offg. 1st—Class.	1st June 1877
Colonel F. W. Boileau, S.C. (Comdt., Deoli Irregular Force.)	*Deoli*	.....	*1st June 1887*
Captain J. A Bell, S.C. (*Offg. Commandant, Deoli Irregular Force.*) (*Offg.*)	Deoli	.....	1st June 1887
Civil Surgeon.			
Surgeon-Major J. H. Newman, M.D.	Ajmere	.....	6th May 1883
Judicial Assistant.			
Bal Bahadur Pandit Bhag Ram, U.C.S.	Ajmere	.....	1st June 1877
Extra Assistant Commissioner, and Treasury Officer.			
Pandit Jia Lal, U.C.S.	Ajmere	.....	1st June 1877
Deputy Magistrate.			
Munshi Rae Bishen Sarup, U.C.S.	*Kekri*	.....	*1st June 1877*
Munshi Allanur Khan (*Offg.*)	Kekri	.....	1st June 1877
District Superintendent of Police.			
Mr. B. Egerton, U.C.S.	Ajmere	.....	6th December 1861
Principal, Govt. College.			
Mr. F. L. Reid, U.C.S.	Ajmere	.....	13th March 1868
Head Master, Govt. College.			
Mr. T. Harris, B.A., U.C.S.	Ajmere	.....	25th March 1851
Assistant Conservator of Forests.			
Mr. J. E. Barrett, U.C.S.	Ajmere	.....	1st June 1877

Baroda.

Names.	Appointment.
Colonel Sir O.B.C. St. John, K.C.S.I., R. E.	*Resdt., 2nd class, and Agent to the Governor-General.*
Lieut.-Col. F. H. Jackson, Bo. Genl. List, Infy.	Officiating Assistant to the Governor-General's Agent
Captain J. H. Sadler, S.C.	Cantonment Magistrate, Railway Magistrate, and Judge of the Small Cause Court.
Captain J. C. Francis, Bo. S.C. (*5th Bo. Infy.*)	

Merwara.

Date of incumbent's first appointment to civil employ.	Date of incumbent's appointment to present office.	Salary *per mensem*.	Remarks.
4th January 1856	27th March 1887	*Rs. a. p.*	The appointment is held *ex-officio* by the Governor-General's Agent in Rajputana.
25th June 1862	31st December 1887	2,000 0 0 150 0 0	Fixed travelling allowance.*
		2,150 0 0	
8th January 1875	17th October 1888	1,000 0 0 200 0 0	Local allowance.
		1,200 0 0	
9th June 1882	22nd October 1888	800 0 0	
21st March 1881	1st November 1887	800 0 0	
31st December 1884	*31st December 1884*	*50 0 0*	*In addition to regimental pay and allowances. Fur., m.c., 1 year and 10 days. G. G. O., dated the 27th April, 1888.*
3rd April 1888	3rd April 1888*	50 0 0	In addition to regimental pay and allowances.
6th September 1868	19th April 1879	950 0 0 150 0 0 150 0 0 50 0 0 100 0 0 250 0 0	Civil Surgeon. Superintendent of Jail. Fees from Government College. Fees from Mayo College. Medical Officer, Merwara Battalion. Allowance from Rajputana-Malwa Railway.
		1,550 0 0	
16th October 1872	1st May 1880	800 0 0	
29th November 1887	29th November 1887	300 0 0	
1st June 1877	*1st June 1877*	*150 0 0*	*Services placed at the disposal of the Political Agent, Harowtee and Tonk, temporarily.*
14th December 1888	14th December 1888	90 0 0	
17th June 1879	18th January 1884	700 0 0	
23rd June 1879	23rd June 1879	600 0 0	And Inspr. of Schools in Ajmere-Merwara.
31st March 1866	16th August 1866	350 0 0	
24th March 1881	8th April 1888	450 0 0	

Date of appointment.	Salaries and allowances *per mensem*.	Remarks.
	Rs. a. p.	
31st December 1887	*2,500 0 0*	*Privilege leave to the 3rd January 1889.*
4th October 1886	1,942 10 0	
8th May 1881	800 0 0	
7th March 1888	200 0 0	Local allowance, in addition to Military pay and allowances.

* Future incumbents, whether substantive or officiating, will receive a travelling allowance of Rs. 10 a day, while on tour.

Names.	Appointment.
	Baroda—
Lieut.-Col. F. H. Jackson, Bo. Genl. List, Infantry.	*Assistant to the Governor-General's Agent, in charge of Amreli.*
Captain G. E. H. Cates, S.C. . . .	Officiating . . . . .
Lieut.-Col. W. A. Salmon, Bo. S.C. . .	*Assistant to the G.-G.'s Agent, in charge of the Okhamandal District, and Commandant Wagheer Corps.*
Mr. H. Harrison, U.C.S.	Commandant of His Highness the Gaekwar's Local Battalion at Dhari.
Surgeon G. E. Fooks (Bo.)	Residency Surgeon . . . . .

Rajputana.

Appointments.	Incumbents.	Position in graded list.
Agent to the Governor-General .	*Vacant*	*Resident, 1st Class* . .
	Colonel C. K. M. Walter, S.C. (sub. *pro tem.*)	Resident, 1st Class, sub. *pro tem.*
Resident in Meywar (Oodeypore) .	Col. S. B. Miles, Bo. S.C.,	Resident, 2nd Class . .
Resident at Jeypore . .	Lieut.-Col. W. F. Prideaux, Bo. S.C.	Resident, 2nd Class . .
Resident in the Western States of Rajputana (Jodhpore).	Colonel P. W. Powlett, S.C.	Resident, 2nd Class . .

Date of appointment.	Salaries and allowances *per mensem.*	Remarks.
concluded.	*Rs. a. p.*	
8th May 1881 .	*827 14 0* 213 0 0	*Offg. Agent to the Governor-General.* Special allowance.
	1,040 14 0	
20th December 1888 .	374 1 6	
8th November 1887 .	*827 14 0*	*Special leave, six months, to 1st May 1889.*
6th November 1878 .	525 12 0 200 0 0	Offg. Assistant to the G.-G 's Agent, in charge of the Okhamandal District, and Commandant, Wagheer Corps.
	725 12 0	
3rd May 1888 . .	100 0 0	In addition to military pay.

Salaries and allowances *per mensem.*	Remarks.
Rs. a. p.	
4,000 0 0 *250 0 0*	*Special allowance.*
4,250 0 0	
4,000 0 0 250 0 0	Special allowance.
4,250 0 0	
2,000 0 0	
2,000 0 0 100 0 0	Special allowance.
2,100 0 0	
2,000 0 0	

Appointments.	Incumbents.	Position in graded list.
		Rajputana—
Boundary Settlement Officer in Marwar, and Assistant to the Resident in the Western States of Rajputana (Jodhpore).	Major W. Loch, Bo. S.C. Pol. Asst., 1st	Pol. Asst. 1st.—Addl. Political Agent, 3rd—Class.
P. A. in Harowtee and Tonk . .	Col. J. Biddulph, S.C. .	Pol. Agent, 1st Class .
P. A. in Ulwur	Col. H. P. Peacock, Bengal Cavalry.	Political Agent, 1st Class
P. A. in Kotah	Col. C. A. Baylay, S.C. .	Political Agent, 1st—Addl. 1st—Class.
P. A. in Bikanir	Mr. C. S. Bayley, C.S. .	Addl. Political Agent, 1st Class (temporarily).
P. Superintendent of Jhallawar .	Lieut.-Col. H. B. Abbott, Bo. S.C.	Political Agent, 1st—Addl. 1st—Class.
P. A. in the Eastern States of Rajputana.	Major N. C. Martelli, S.C.	Pol. Agent, 3rd—Addl. 1st—Class.
1st Assistant to the Governor-General's Agent in Rajputana and C.-C. of Ajmere-Merwara.	Major E. A. Fraser, M.S.C. .	Political Agent, 3rd Class .
Asstt. to the Governor-General's Agent.	Lieut.-Col. A. W. Roberts, Genl. List, Cavalry.	Political Agent, 2nd Class.
Asstt. to the Governor-General's Agent.	Lieut. W. C. R. Stratton, S.C.	Political Asstt., 3rd—sub. *pro tem.* 2nd—Class.
Asstt. to the Governor-General's Agent.	*Vacancy.*	
Asstt. Political Agent at Banswara.	Lieut. A. F. Pinhey, Bo. S.C.	Political Asstt., 3rd—Offg. 2nd—Class.
Supdt. of Operations for the Control of the Moghyas.	Major J. H. Newill, M.S.C. .	Political Agent, 3rd Class .
Attaché to the Governor-General's Agent.	*Kumar Lachman Singh, U.C.S.*	.....

P. A. stands for

Salaries and allowances *per mensem*.			Remarks.
continued.			
Rs.	*a.*	*p.*	
1,000	0	0	
500	0	0	Special temporary allowance.
1,500	0	0	
1,500	0	0	
1,500	0	0	
100	0	0	Sumptuary allowance.
1,600	0	0	
1,500	0	0	
1,500	0	0	
500	0	0	Special personal allowance, during the minority of the Chief.
2,000	0	0	
1,500	0	0	
1,500	0	0	
1,000	0	0	
1,200	0	0	And Magistrate of Abu.
600	0	0	
600	0	0	
1,000	0	0	
200	0	0	Deputation allowance.
1,200	0	0	
400	*0*	*0*	*Privilege leave to the 3rd April, 1889.*

Political Agent.

Appointments.	Incumbents.	Position in graded list.
		Rajputana—
Asstt. to the Governor-General's Agent, and to the Genl. Supdt. of Operations for the Suppression of Thagi and Dakaiti, in Rajputana.	Lieut. K. D. Erskine, S.C. .	Political Asstt., 3rd Class, sub. *pro tem.*
Supdt., Rajputana-Malwa State Railway Police.	Mr. R. E. Acklom, U.C.S. .	.....
(*a*) 1st Asstt. to the Resident in Meywar.	Lieut.-Col. A. R. T. McRae, Bo. G.L.I.	
(*b*) 2nd Asstt. to the Resident in Meywar.	Lt.-Col. N.R. Stewart, S.C.	.....
Settlement Officer, Kot Putli(Jeypore)	Mr. A. L. P. Tucker, Bo. C.S.	.....
Settlement Officer, Meywar . .	Mr. C. E. Biddulph, U.C.S. .	.....
Settlement Officer, Tonk . .	Capt. T. C. Pears, S.C. .	Poltl. Asst., 2nd Class .
Boundary Settlement Officer, Meywar-Marwar Border.	Major W.H.C. Wyllie, C.I.E., S.C.	Poll. Agent, 2nd Class .
Boundary Settlement Officer . .	Lieut. G. F. Chenevix-Trench, Bo. S.C.	.....
Boundary Settlement Officer ...	Lieut. L. Impey, S.C. ...	.....
Medical.		
Resdy. Surgeon, and Supdt.-Genl. of Dispensaries and Vaccination.	Surgn.-Major L. D. Spencer, M.D.	.....
Resdy. Surgeon, Meywar (Oodeypore).	Surgeon D. F. Mullen, M.D.	.....
Residency Surgeon, Jeypore . .	Surgeon-Major T. H. Hendley	.....
*Residency Surgeon, Western Rajputana States (Jodhpore).	Surgeon-Major A. Adams, M.D. (M.)	.....
Agency Surgeon, Ulwur .	*Surgeon-Major T. F. Mullen, M.D.*	.....
	Surgeon P. D. Pank (*Civil Surgeon, Bikanir*). (*Offg.*)	.....
Medical Offr., Kotah and Jhalrapatan Agencies.	*Surgeon J. Crofts, M.D.* .	.....
	Surgeon R. Shore, M.D. (*Offg. Medl. Offr., D. I. Force.*)	.....
Civil Surgeon, Bikanir . .	*Surgeon P. D. Pank* .	.....
	Surgeon W. W. Webb, M.B. (*Medl. Offr., Meywar Bheel Corps.*) (*Offg.*)	.....
Harowtee and Tonk Agency, and Deoli Irregular Force.	*Surgeon H. N. V. Harington* (*M.*)	.....
	Surgeon R. Shore, M.D. (*Offg.*)	.....

(*a*) The appointment is held *ex-officio* by the
(*b*) The appointment is held *ex-officio* by the
* Future incumbent to receive a travel ng

Salaries and allowances *per mensem.*			Remarks.
concluded.			
Rs.	*a.*	*p.*	
500	0	0	
950	0	0	
100	0	0	Allowance.
1,000	0	0	Nett.
1,000	0	0	
1,000	0	0	(*Gross.*)
1,500	0	0	
500	0	0	With a deputation allowance of Rs. 10 a day.
500	0	0	With a deputation allowance of Rs. 10 a day.
1,050	0	0	Resdy. Surgeon, Abu.
150	0	0	Supdt.-Genl. of Dispensaries and Vaccination.
150	0	0	Administrative Charge.
1,350	0	0	
550	0	0	Besides Rs. 275 from the Darbar.
750	0	0	Besides Rs. 750 from the Darbar.
750	0	0	Besides Rs. 150 from the Darbar, and Rs. 30 from the Mullanee Fund; also a personal allowance of Rs. 400 from the Darbar.
.....			*Offg. Residency Surgeon, Bushire.*
550	0	0	Besides Rs. 150, from the Darbar, as Superintendent, Jail and Dispensaries.
.....			*Furlough to the 11th December, 1889.*
*275	0	0	*Local allowance, from the Darbars.*
.....			In visiting medical charge.
.....			*Offg. Agency Surgeon, Ulwur.*
550	0	0	Besides Rs. 350, from the Darbar, for supervision of Jails and Dispensaries, &c.
.....			*Furlough out of India to the 17th October, 1889.*
100	0	0	In addition to military pay. And in visiting medical charge of the Kotah and Jhallawar Agencies.

Commandant of the Meywar Bhoel Corps.
2nd-in-Command of the Meywar Bhoel Corps.
allowance of Rs. 100 p. m. only.

Appointments.	Incumbents.	Position in graded list.
		Central
Agent to the Governor-General .	Mr. F. Henvey, C.S. (*Resi-*	Resident, 1st Class . .
Resident at Gwalior . . .	Major D. W. K. Barr, Bo. S.C.	Resident, 2nd Class . .
P. A. in Bhopal	Lieut.-Col. H. Wylie, C.S I., G.L.I.	Political Agent, 2nd (Offg. 1st) Class.
P. A. in Bundelkhand . . .	Lieut.-Col. F. A. Wilson, S.C.	Political Agent, 2nd Class. .
P. A. in Baghelkhand, and Supdt. of the Rewah State.	Major D. Robertson, M S.C.	Political Agent, 3rd—Additional 1st—Class.
P. A. in Bhopawar . . .	Col. W. J. W. Muir, S.C. .	Political Agent, 1st Class .
Supdt. of Operations for the Control of the Moghyas.	Major J. H. Newill, M.S.C. .	Political Agent, 3rd Class .
1st Asstt. to the G.-G.'s Agent .	Mr. A. H. T. Martindale, M.C.S.	Political Agent, 3rd—Offg. 2nd—Class.
Asst. to the G.-G.'s Agent . .	Lieut L. S. Newmarch, S.C. .	Political Asst., 3rd—Offg. 1st—Class.
Asst. to the G.-G.'s Agent . .	Lieut. J. Ramsay, S.C. .	Political Asst., 3rd—Offg. 2nd—Class.
Boundary Sett. Offr., West-Malwa .	Lieut. F. W. P. Macdonald, S.C.	.. ...
Boundary Settlement Officer . .	Lieut. W M. Cubitt, S.C. .	.....
Boundary Settlement Officer . .	Lieut. H. L. Goodenough, S.C.	.....

P. A. stands for

Salaries and allowances *per mensem*.			Remarks.
India.			
Rs.	*a.*	*p.*	
4,000	0	0	
250	0	0	Special allowance.
4,250	0	0	
2,500	0	0	
1,400	0	0	
1,200	0	0	
200	0	0	Local allowance (for Charkhari).
1,400	0	0	
1,500	0	0	
1,500	0	0	
1,000	0	0	
200	0	0	Deputation allowance.
1,200	0	0	
1,200	0	0	
200	0	0	Local allowance for the charge and supervision of the Dewas State (Senior Branch).
1,400	0	0	
700	0	0	
600	0	0	
500	0	0	With a deputation allowance of Rs. 10. a day.
225	12	0	With a deputation allowance of Rs. 10 a day.
225	12	0	With a deputation allowance of Rs. 10 a day.

Political Agent.

Appointments.	Incumbents.	Position in graded list.
		Central
Political Agent, Western Malwa.	*Col. C. Martin, C.B., Cav.* (*Comdt., C. I. Horse.*)	.....
	Col. H. M. Buller, Cav. (*Offg. Comdt., C.I. Horse*). (*Offg.*)	.....
Political Assistant at Goona .	Capt. G. E. Money, S. C. (*Squadn. Comdr., 2nd Regt., C. I. Horse.*)	.....
Cantonment Magistrate at Mhow	Lieut.-Col. W. S. Peat, Bo. G.L.C.	.....
Cantonment Magistrate at Neemuch.	Captain F. G. Alexander, Bo. S.C.	.....
Cantonment Magistrate at Nowgong.	Lieut.-Col. R. G. E. Dalrymple, M.S.C.	.....
Cantonment Magistrate at Sipri .	Capt. W. R. De-la-p. Lloyd, 1st Batt., Suffolk Regt.	.....
Boundary Settlement Officer in Bundelkhand.	Captain C. J. B. H. Dressner, S.C. (*Squadron Officer, 2nd Regt., C. I. Horse.*)	.....
Attaché to the Govr.-Genl.'s Agent.	Sahibzada Muhammad Wahid-ud-din, U.C.S.	.....
Native Asstt. to the Govr.-Genl.'s Agent.	Munshi Gurdit Singh, U.C.S.	.....

Salaries and allowances *per mensem.*	Remarks.
India—*continued.*	
Rs. a. p.	
.....	*Leave out of India (p. a.), to the 3rd February 1889.*
300 0 0	Local allowance. The appointment is held *ex-officio* by the Commandant, Central India Horse.
150 0 0	Local allowance. The appointment is held *ex-officio* by the Commandant of the Regiment of Central India Horse stationed at Goona
1,037 0 0 300 0 0	Pay of rank. Staff allowance.
1,337 0 0	
374 1 6 200 0 0	Pay of rank. Staff allowance.
574 1 6	
827 14 0 200 0 0	Pay of rank. Staff allowance.
1,027 14 0	
50 0 0	Staff allowance. The appointment is held *ex-officio* by the Officer Commanding at Sipri.
374 1 6	Pay of rank. Besides a deputation allowance of Rs. 10 *per diem* when in camp, and Rs. 5 when in station.
400 0 0	
350 0 0	

Appointments.	Incumbents.	Position in graded list.
	Medical.	**Central**
Residency Surgeon, and Civil Administrative Medical Officer in Central India.	Surgeon-Major D. F. Keegan, M.D.	.....
In Medical charge, Bhopal Agency and Bhopal Battalion (Sehore).	*Surgeon-Major A. H. C. Dane, M.D. (Bo.)*	.....
	Surgeon W. G. Alpin (*Offg.*)	.....
In Medical charge, Goona Agency, and 1st Regt., C. I. Horse.	*Surgeon-Major R. Caldecott (Bo.)*	.....
	Surgeon G. H. D. Gimlette, M.D. (*Residency Surgeon, Nepal*), (*Offg.*)	.....
In Medical charge, Bundelkhand Agency (Nowgong), and 1st Bengal Infantry.	Surgeon S. H. Henderson .	.....
In Medical charge, Western Malwa Agency (Agar), and 2nd Regt., C. I. Horse.	*Surgeon C. G. W. Lowdell (Bo.)*	.....
Surg.-Major R. Caldecott (Bo.) (*Medl. Offr., 1st Regt., C.I.H.*). (*Offg.*)	.....	.....
In Medical charge, Bhopawar Agency (Sirdarpore), and Malwa Bheel Corps.	Surgeon-Major J. Duke .	.....
In Medical charge, Baghelkhand Agency and Dispensaries (Sutna).	Surgeon-Major S. J. Goldsmith (Bo.).	.....
In Medical charge, Gwalior Residency.	Surgeon A. M. Crofts . .	.....
		Kashmir,
Resident	Lieut.-Col. R. P. Nisbet, C.I.E., S.C.	Resident, 2nd Class .
Residency Surgeon . . .	Surgeon-Major A. Deane, M.D.	.....
		Ladakh.
British Joint-Commr. at Leh .	Capt. H. L. Ramsay, S.C. .	Pol. Asst., 1st Class.

Salaries and allowances *per mensem.*			Remarks.
India—*concluded.*			
Rs.	*a.*	*p.*	
1,050	0	0	Residency Surgeon, Indore.
451	10	8	Charitable dispensaries.
150	0	0	Civil Administrative Medical Officer in Central India.
125	0	0	For medical class, from Darbar.
100	0	0	Consulting Surgeon, Rajputana-Malwa Railway.
100	0	0	Superintendent, Central India Agency Jail, Indore.
1,976	10	8	
.....			*Fur., p. a., 18 mos., Bo. G. G. O., dated the 5th January 1888.*
100	0	0	In addition to military pay.
125	0	0	From Indian Midland Railway.
70	0	0	Supdt., Victoria Hospital.
80	0	0	Supdt. of Vaccination.
375	0	0	
.....			*Offg. Medl. Offr., 2nd Regt., C. I. H., and Western Malwa Agency.*
30	0	0	In addition to military pay.
100	0	0	In addition to military pay.
.....			*Fur., p. a., 1 year and 2 months, 18th November 1887.*
100	0	0	In addition to military pay.
100	0	0	In addition to military pay.
750	0	0	Agency Surgeon.
300	0	0	Allowance as Tutor to the Rewah Chief.
300	0	0	Allowance for superintending Rewah State Dispensaries.
1,350	0	0	
.....			Performs the duties, in addition to his own as Medical Officer to His Highness the Maharaja Sindhia of Gwalior, without remuneration.
&c.			
2,000	0	0	
250	0	0	Sumptuary allowance.
2,250	0	0	
750	0	0	
100	0	0	For charge of medical supervision of Sialkot-Jammu Railway Extension, during construction.
850	0	0	
800	0	0	
150	0	0	Special allowance.
110	0	0	Travelling allowance.
1,060	0	0	

Appointments.	Incumbents.	Position in graded list.
		Nepal.
Resident	*Mr. C. E. R. Girdlestone, C.S.*	*Resident, 2nd Class* . .
	Major E. L. Durand, C.B.,S.C. (*Offg.*)	Political Agent, 2nd—Offg. Resident, 2nd—Class.
Residency Surgeon . . .	*Surgeon G. H. D. Gimlette, M.D.*	.....
	Surgeon G. H. Baker (*Offg.*)	.....
		Persian
Political Resident . .	Colonel E. C. Ross, C.S.I., Bo. S.C.	Resident, 2nd Class . .
1st Assistant to the Poltl. Resident.	Lieut. P. J. Melvill, S.C. .	Political Asst., 2nd—Offg. 1st—Class.
Uncovenanted Assistant . .	Mr. G. Lucas, U.C.S. . .	.....
Native Assistant . . .	Asst.-Surgeon Abdur Rahim Hakim, Khan Bahadur.	.....
Residency Surgeon . . .	*Surgeon-Major D. R. Ross, M.D.* (*Bo.*)	.....
	Surgeon-Major T. F. Mullen, M. D. (*Agency Surgeon, Ulwur*). (*Offg.*)	.....
		Muscat.
Political Agent . . .	Lieut.-Col. E. Mockler, Bo. G.L.I.	Political Agent, 2nd Class.
Agency Surgeon . . .	Surgeon-Major A. S. G. Jayakar (Bo.).	.....
		Turkish
Political Resident . . .	*Colonel W. Tweedie, C.S.I., S.C.*	*Resident, 2nd Class* . .
	Major A. C. Talbot, C.I.E., S.C. (*Offg.*)	Political Agent, 1st—Offg. Resident—2nd Class.
Assistant Political Agent at Basra.	Mr. P. J. C. Robertson, U.C.S.	Political Asst., 1st—Offg. Political Agent, 3rd—Class.
Residency Surgeon . . .	Surgeon-Major R. Bowman (Bo.)	.....

Salaries and allowances *per mensem*.			Remarks.
Rs.	*a.*	*p.*	
2,500	*0*	*0**	*Furlough to the 22nd June, 1889.*
'1,733	5	4	
250	0	0	Local allowance.
1,983	5	4	
.....			*Offg. Medl. Offr., 1st Regt., C. I. Horse.*
386	10	0	

Gulf.

2,500	0	0	
250	0	0	Special allowance.
2,750	0	0	
800	0	0	
300	0	0	Personal allowance, Rs. 50.
350	0	0	
.....			*Furlough to the 9th October, 1889.*
952	3	7	
1,200	0	0	
150	0	0	Special allowance.
1,350	0	0	
750	0	0	

Arabia.

2,500	*0*	*0*	*Furlough, in India, to the 24th June, 1889.*
2,166	10	8	
1,000	0	0	
950	0	0	

* To be reduced to Rs. 2,000, with a local allowance of Rs. 250, for future incumbents, whether substantive or officiating.

Appointments.	Incumbents.	Position in graded list.
		Thagi
Genl. Supdt. of Operations for the Suppression of Thagi and Dakaiti.	*Colonel P. D. Henderson, C.S.I., Madras Cavalry.*	*Resident, 2nd Class* . .
	Mr. D. E. McCracken, U.C.S. (*Offg.*)	Offg. Resident, 2nd class .
		Baluch
Agent to the Governor-General .	Colonel Sir R. G. Sandeman, K.C.S.I., S.C.	Resident, 1st Class . .
Political Agent at Thal-Chotiali .	Captain I. MacIvor, S.C. .	Poltl. Asst., 1st.—Offg. Poltl. Agent, 3rd.—Class . .
Political Agent in South-Eastern Baluchistan.	Colonel E. S. Reynolds, Bo. S.C.	Poltl. Agent, 1st Class.
Political Agent in Quetta and Pishin.	Mr. H. S. Barnes, B.C.S. .	Poltl. Agent, 3rd.—sub. *pro tem.* 2nd.—Class.
Political Agent at Kalat .	Captain H. M. Temple, S.C. .	Poltl. Asst., 1st.—Offg. Poltl. Agent, 3rd.—Class.
1st Assistant to the Governor-General's Agent.	Lieutenant C. Archer, S.C.	Offg. Poltl. Assistant, 2nd Class.
Assistant Political Agent at Thal-Chotiali.	Lieutenant C. H. Pritchard, Bo. S.C.	Offg. Poltl. Asst., 3rd Class
Cantonment Magistrate, Quetta .	Lieut.-Col. W. H. Browne, S.C.	.....
Treasury Officer, Quetta . .	Mr. S. H. King, U.C.S. .	.....
Agency Surgeon, Quetta . .	*Surgeon-Major J. C. Fullerton, M.B.*	.....

Salaries and allowances *per mensem*.				Remarks.
and Dakaiti.				
	Rs.	*a.*	*p.*	
	**2,500*	*0*	*0*	*Privilege leave to the 19th March 1889.*
	1,600	0	0	
istan.				
	4,000	0	0	
	250	0	0	Fixed travelling allowance.
	4,250	0	0	
	1,000	0	0	
	180	0	0	Fixed travelling allowance.
	1,180	0	0	
	1,500	0	0	
	100	0	0	Baluchi allowance.
	180	0	0	Fixed travelling allowance.
	1,780	0	0	
	1,200	0	0	
	180	0	0	Fixed travelling allowance.
	1,380	0	0	
	1,000	0	0	
	100	0	0	Baluchi allowance.
	180	0	0	Fixed travelling allowance.
	1,280	0	0	
	525	12	0	
	150	0	0	Fixed travelling allowance.
	100	0	0	Pashtu allowance.
	775	12	0	
	400	0	0	
	150	0	0	Fixed travelling allowance.
	550	0	0	
	827	14	0	Staff Corps pay of rank.
	200	0	0	Local allowance.
	1,027	14	0	
	500	0	0	
	.....			*Fur., p. a., 1 yr. and 213 days, 18th April, 1888.*
	†*200*	*0*	*0*	*Special allowance.*

To be reduced to Rs. 2,000 for future incumbents, whether substantive or officiating.
Future incumbents to receive Rs. 150 p.m. only.

Appointments.	Incumbents.	Position in graded list.
		Baluch
	Surgeon A. W. D. Leahy (*Offg.*)	.....
Civil Surgeon, Sibi . . .	Surgn. R. R. Weir, M.B. .	.....
Extra Judicial Assistant Commissioner, Quetta, and Uncovenanted Asst. to the G.-G's. Agent.	Mr. W. A. Ingle, Bo.U.C.S. .	.....
Native Assistant, on special duty, Las Bela.	Rai Bahadur Hittu Ram, C.I.E., U.C.S.	.....
Native Assistant, Bori . .	Khan Bahadur Hak Nawaz Khan, U.C.S.	.....
Native Assistant, Sibi . .	Diwan Ganpat Rai, U.C.S. .	.....
Native Assistant, Bolan Pass .	Munshi Najaf Ali, U.C.S. .	.....
Native Assistant, Quetta .	Lalla Choka Nand (*Offg.*) .	.....
Officiating Deputy Conservator of Forests.	Mr. J. H. Lace, U.C.S. .	.....
Assistant District Superintendent of Police, Quetta.	Mr. R. C. Plowden, U.C.S. .	.....
		Political Officer in charge
Political Officer in charge of the ex-Amir.	Lieut.-Col. V. E. Law, Madras Cavy.	Poltl. Agent, 3rd.—Offg. 2nd.—Class.
		Political Officer in charge
Political Officer in charge of Sardar Ayub Khan.	Capt. W. E. Evans-Gordon, M.S.C.	Pol. Asst., 2nd.—Additional Poltl. Agent, 3rd.—Class.

Salaries and allowances *per mensem*.			Remarks.
istan—*contd.*			
650	0	0	
150	0	0	Special allowance.
100	0	0	From North-Western Railway.
50	0	0	Local allowance *as ex-officio* Supdt. of Civil Jail.
950	0	0	
650	0	0	
800	0	0	
150	0	0	Local allowance.
90	0	0	Fixed travelling allowance.
1,040	0	0	
500	0	0	
250	0	0	
90	0	0	Fixed travelling allowance.
340	0	0	
250	0	0	
90	0	0	Fixed travelling allowance.
340	0	0	
250	0	0	
90	0	0	Fixed travelling allowance.
340	0	0	
.....			
500	0	0	
400	0	0	
100	0	0	Allowance.
150	0	0	Fixed travelling allowance.
650	0	0	
of the ex-Amir.			
Rs.	*a.*	*p.*	
1,200	0	0	House rent, Rs. 1,700 *per annum*.
of Sardar Ayub Khan.			
1,000	0	0	

Appointments.	Incumbents.	Position in graded list.
	Officers on Furlough,	
	Capt. M. J. Meade, S.C.	Poltl. Asst., 1st Class
	Mr. F. L. Petre, C.S.	.....
	Major G. Gaisford, S.C.	Poltl. Asst., 2nd Class
	Col. Sir J. W. Ridgeway, K.C.S.I., C.B., Genl. List, Infantry.	.....
	Major C. E. Yate, C.S.I., C.M.G., Bo. S.C.	Poltl. Agent, 3rd Class
	Captain C. W. Ravenshaw, S.C.	Poltl. Asst., 1st Class
	Mr. L. W. King, C.S.	.....
	Mr. Ney Elias, C.I.E., U.C.S.	Poltl. Agent, 3rd Class
	Lieut H. Daly, S.C.	Pol. Asst., 3rd Class
	Lieut. J. R. C. Colvin, S.C.	.....
	Nawab Mirza Hassan Ali Khan, C.I.E., U.C.S.	Addl. Poltl. Asst., 3rd Class

Salaries and allowances *per mensem.*	Remarks.
Leave, Special Duty,-&c.	
.....	*Furlough to the 12th January, 1889.*
.....	*Furlough to the 28th January, 1889.*
.....	*Furlough to the 3rd March, 1889.*
.....	*Furlough to the 23rd March, 1889.*
.....	*Furlough to the 1st September, 1889.*
.....	*Furlough to the 12th October, 1889.*
.....	*Furlough to the 23rd January, 1890.*
.....	Services placed, temporarily, at the disposal of the Government of Bengal.
.....	On deputation in Upper Burma.
.....	Private Secy. to His Honor the Lieut. Govr. of the N.-W P. and Oudh.
500 0 0	Special duty in Persia.

Medical appointments.

I.—First class charges.

Station.	Names.	Salaries and Allowances.	Remarks.
Rajputana.		*Rs. a. p.*	
ABU	Surgeon-Major L. D. Spencer, M.D.	1,050 0 0	Residency Surgeon.
		150 0 0	Superintendent-General of Dispensaries and Vaccination.
		150 0 0	Administrative Charge.
		1,350 0 0	
Central India.			
INDORE . . .	Surgeon-Major D. F. Keegan, M.D. ...	1,050 0 0	Residency Surgeon.
		150 0 0	Civil Administrative Medical Officer in Central India.
		451 10 8	Charitable dispensaries.
		100 0 0	From Rajputana-Malwa Railway.
		125 0 0	For medical class, from Darbar.
		100 0 0	Superintendent, Central India Agency Jail, Indore.
		1,976 10 8	
Baluchistan.			
QUETTA . . .	*Surgeon Major J. C. Fullerton, M.B.*	.....	*Agency Surgeon.—Furlough, p. a., 1 year and 213 days, 18th April, 1888.*
		*200 0 0	*Special allowance.*
	Surgeon A. W. D. Leahy (*Offg.*)	650 0 0	
		150 0 0	Special allowance.
		100 0 0	From North-Western Railway.
		50 0 0	Local allowance as *ex-officio* Superintendent of Civil Jail.
		950 0 0	
SIBI	Surgeon R. R. Weir, M. B.	650 0 0	Civil Surgeon.
Persian Gulf.			
BUSHIRE . . .	Surgeon-Major D. R. Ross, M. D. (Bo.)	. . .	Residency Surgeon. *Furlough to the 9th October, 1889.*
	Surgeon-Major T. F. Mullen, M. D. (*Agency Surgeon, Ulwur*). (*Offg.*)	952 3 7	

* Future incumbents to receive Rs. 150 per mensem only.

Medical appointments—*continued.*

II.—Second class charges.

Station.	Names.	Salaries and allowances.	Remarks.
Hyderabad.		*Rs. a. p.*	
Hyderabad . . .	Surgeon-Major E. Lawrie, M.B.	750 0 0	Residency Surgeon.
		414 3 0	Superintendent of Vaccination.
		414 3 0	Superintendent of Medical School.
		(1) 427 11 1	Attendance on Nizam and family.
		(2) 256 9 10	Surgeon, Afzalganj Hospital.
		(3) 171 1 3	In charge, Nizam's Medical Stores.
		2,433 12 2	
Nepal.			
Katmandu . . .	*Surgeon G. H. D. Gimlette, M.D.*	.....	*Residency Surgeon—Officiating Medical Officer, 1st Regiment, C. I. Horse.*
	Surgeon G. H. Baker. (*Offg.*).	386 10 0	
Rajputana.			
Meywar (Oodeypore) .	Surgeon D. F. Mullen, M.D.	550 0 0	Residency Surgeon. Besides Rs. 275 from the Darbar.
Jeypore . . .	Surgeon-Major T. H. Hendley.	750 0 0	Residency Surgeon. Besides Rs. 750 from the Darbar.
Western Rajputana States (Jodhpore).	Surgeon-Major A. Adams, M.D. (M.)	750 0 0	Residency Surgeon. Besides Rs. 150 from the Darbar, and Rs. 30 from the Mullanee Fund; also a personal allowance of Rs. 400 from the Darbar.

(1) The equivalent of Halli Sicca Rs. 500.
(2) " " " " " " 300.
(3) " " " " " " 200.

Medical appointments—*continued.*

II.—Second class charges—*continued.*

Station.	Names.	Salaries and allowances.	Remarks.
Rajputana—*concld.*		*Rs. a. p.*	
Ulwur	*Surgeon-Major T. F. Mullen, M.D.*	.....	*Agency Surgeon.—Offg. Residency Surgeon, Bushire.*
	Surgeon P. D. Pank (*Civil Surgeon, Bikanir*). (*Offg.*)	550 0 0	Besides Rs. 150, from the Darbar, as Supdt., Jail and Dispensaries.
Kotah and Jhalrapatan	*Surgeon J. Crofts, M.D.*	.....	*Medical Officer.—Furlough to the 11th December, 1889.*
		**275 0 0*	*Local allowance from the Darbars.*
	Surgeon R. Shore, M.D. (*Offg. Medical Officer, D. I. Force.*)	.....	In visiting medical charge.
Bikanir . . .	*Surgeon P. D. Pank*	.....	*Civil Surgeon.—Officiating Agency Surgeon, Ulwur.*
	Surgeon W. W. Webb, M.B. (*Medl. Offr., Meywar Bheel Corps*). (*Offg*).	550 0 0	Besides Rs. 350, from the Darbar, for supervision of Jails and Dispensaries, &c.
Mysore.			
Bangalore . . .	*Surgeon-Major P. H. Benson, M.B. (M.) (Seconded.)*	.....	*Residency Surgeon. Employed under the Mysore Government.*
	Surgeon-Major A. F. Dobson, M.B. (M.)	750 0 0	Residency Surgeon.
		200 0 0	Allowance, from Municipality, for charge of the Bowring Hospital.
		950 0 0	
Muscat.			
Muscat	Surgeon-Major A. S. G. Jayakar (Bo.)	750 0 0	Agency Surgeon.

* Future incumbents to receive a travelling allowance of Rs 100 p. m. only.

Medical appointments—*continued.*

II.—Second class charges—*concluded.*

Station.	Names.	Salaries and allowances.			Remarks.
		Rs.	*a.*	*p.*	
Central India.					
Baghelkhand (Sutna) .	Surgeon-Major S. J. Goldsmith (Bo.)	750	0	0	Agency Surgeon.
		300	0	0	Allowance for superintending Rewah State Dispensaries.
		300	0	0	Allowance as Tutor to the Rewah Chief.
		1,350	0	0	
Turkish Arabia.					
Baghdad . . .	Surgeon-Major R. Bowman (Bo.).	950	0	0	Residency Surgeon.
Kashmir.					
Srinagar . . .	Surgeon-Major A. Deane, M.D.	750	0	0	Residency Surgeon.
		100	0	0	For charge of medical supervision of Sialkot-Jammu Railway Extension, during construction.
		850	0	0	
Ajmere Merwara.					
Ajmere . . .	Surgeon-Major J. H. Newman, M.D.	950	0	0	Civil Surgeon.
		150	0	0	Superintendent of Jail.
		50	0	0	Fees from Government College.
		50	0	0	Fees from Mayo College.
		100	0	0	Medical Officer, Merwara Battalion.
		250	0	0	Allowance from Rajputana-Malwa Railway.
		1,550	0	0	

Medical appointments—*concluded.*

III.—Charges held conjointly with Military Charges.

Station.	Names.	Salaries and allowances.	Remarks.
Central India.		*Rs. a. p.*	
Gwalior Residency	Surgeon A. M. Crofts	.....	Performs the duties, in addition to his own as Medical Officer to His Highness the Maharaja Sindhia of Gwalior, without remuneration.
Sehore (Bhopal Agency and Battalion).	*Surgeon-Major A. H. C. Dane, M.D. (Bo.).*	.....	*Furlough, p. a., 18 mos., Bo. G. G.,O., dated the 5th January, 1888.*
	Surgeon W. G. P. Alpin (*Offg.*).	*100 0 0	In addition to military pay.
Goona (Goona Agency, and 1st Regiment, Central India Horse).	*Surgeon-Major R. Caldecott (Bo.).*	.....	*Offg. Medl. Officer, 2nd Regt., C. I. H., and Western Malwa Agency.*
	Surgeon G. H. D. Gimlette, M.D. (*Residency Surgeon, Nepal*). (*Offg.*)	30 0 0	In addition to military pay.
Agar (Western Malwa Agency, and 2nd Regiment, Central India Horse).	*Surgeon C. G. W. Lowdell (Bo.).*	.....	*Furlough, p. a., 1 year and 2 months, 18th November 1887.*
	Surgeon-Major R. Caldecott (Bo.) (*Medl. Officer, 1st Regiment, C.I. H.*). (*Offg.*).	100 0 0	In addition to military pay.
Bundelkhand Agency (Nowgong), and 1st Bengal Infantry.	Surgeon S. H. Henderson.	100 0 0	In addition to military pay.
Sirdarpore (Bhopawar Agency, and Malwa Bheel Corps).	Surgeon-Major J. Duke.	100 0 0	In addition to military pay.
Rajputana.			
Harowtee and Tonk Agency, and Deoli Irregular Force.	*Surgeon H. N. V. Harington (M.).*	.....	*Furlough out of India, p. a., to the 17th October, 1889.*
	Surgeon R. Shore, M.D. (*Offg.*).	100 0 0	In addition to military pay, in visiting medical charge of the Kotah and Jhalawar Agencies.
Baroda.			
Baroda	Surgeon G. E. Fooks (Bo.).	100 0 0	In addition to military pay.

* Draws also—
Rs. 125 0 0 From Indian Midland Railway.
„ 70 0 0 Superintendent, Victoria Hospital.
„ 30 0 0 Superintendent of Vaccination.

List of Civil Officers holding gazetted appointments under the Government of India in the Revenue and Agricultural Department, as it stood on the 1st January 1889.

Classified List of Officers of the Senior Division, Survey of

No. sanctioned.	No. existing in each grade.	Names of Officers.	Branch to which originally posted.	Passed in Vernacular.	Age.	Date of appointment to the Department.	Date of appointment to the present grade or post.	* Period of service counting towards pension on 1st January 1889.
		Administrative Staff.			Y. M. D.			Y. M. D.
1	1	Col. H. R. Thuillier, R.E.	G. T. S.	P. H.	50 9 5	May 21, 1859	Feb. 19, 1887	. . .
1	1	Col. J. Sconce, S.C.	Rev.	P. H.	52 8 29	Oct. 21, 1859	Jan. 1, 1879	. . .
1	1	*Major General C. T. Haig, R.E.*	G. T. S.	Not passed	54 2 20	Sep. 22, 1859	Feb. 19, 1887	. . .
		Lt.-Col. G. Strahan, R.E.	Topogl.	P. H.	49 10 24	July 2, 1862	Nov. 15, 1888	. . .
	1	Col. D. Macdonald, S.C.	. . . .	. . . .	. . .	. . . . .	Sep. 26, 1887	. . .
	2	Major C. Strahan, R.E.	. . . .	. . . .	. . .	. . . . .	May 23, 1884	. . .
	3	Lt.-Col. J. Waterhouse, S.C.	. . . .	. . . .	. . .	. . . . .	Apl. 1, 1874	. . .
		SENIOR DIVISION.						
		Deputy Superintendents.						
3		1ST GRADE.						
	1	Lt.-Col. G. Strahan, R.E.	Topogl.	P. H.	49 10 24	July 2, 1862	Nov. 10, 1884	. . .
	2	Col. D. Macdonald, S.C.	Rev.	P. H.	53 0 21	Dec. 19, 1860	Jan. 1, 1887	. . .
	3	*Col. F. Coddington, S.C.*	Rev.	P. H.	50 7 10	Jan. 13, 1862	Feb. 19, 1887	. . .
8		2ND GRADE.						
	1	Major C. Strahan, R.E.	Topogl.	Not passed	45 7 25	Sep. 26, 1863	Jan. 10, 1884	. . .
	2	Col. W. Barron, S.C.	Rev.	P. H.	50 11 15	June 27, 1862	Aug. 7, 1884	. . .
	3	Col. H. C. B. Tanner, Bombay S.C.	Rev.	P. H.	53 5 15	Oct. 10, 1862	Oct. 1, 1884	. . .
	4	Col. A. Pullan, S.C.	G. T. S.	P. H.	52 9 0	Jan. 18, 1863	Nov. 28, 1884	. . .
	5	*Lt.-Col. D. C. Andrew, S.C.*	Rev.	P. H.	47 9 13	Dec. 30, 1862	March 10. 1886	. . .
	6	Col. W. H. Wilkins, S.C.	Rev.	P. H.	47 2 26	April 27, 1863	Jan. 1, 1887	. . .
	7	Lt.-Col. J. E. Sandeman, S.C.	Rev.	P. H.	45 3 29	Oct. 6, 1864	Feb. 19, 1887	. . .
	8	*Col. W. F. Badgley, S.C.*	Topogl.	P. H.	51 1 21	May 3, 1865	July 17, 1888	. . .

* Applies only to officers who are under the Uncovenanted Service Rules.

India Department, as it stood on 1st January 1889.

No. existing in each grade.	Consolidated Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	Remarks.
	R a. p.			
1	3,000 0 0	. . . . .	Surveyor General of India, Calcutta.	
1	2,200 0 0	. . . . .	Deputy Surveyor General in charge, Revenue Branch, Calcutta.	
1	. . . .	. . . . .	On furlough	For 1 year and 4 days, from 1st December 1888.
	2,000 0 0	. . . . .	Offg. Deputy Surveyor General in charge, Trigonometrical Branch, Dehra Dun.	
1	1,600 0 0	(*a*) Presidency, R60	Assistant Surveyor General .	Deputy Superintendent, 1st Grade, and Assistant Surveyor General. In charge Correspondence and Mathematical Instrument Offices, Head Quarters, Calcutta.
2	1,600 0 0	(*a*) Presidency R60	Assistant Surveyor General .	Offg. Deputy Superintendent, 1st Grade, and Assistant Surveyor General. In charge, Engraving, Cartographic, and Map Record and Issue Offices, Head Quarters, Calcutta.
3	1,300 0 0	(*b*) Special local R200	Assistant Surveyor General .	Offg. Deputy Superintendent, 2nd Grade, and Assistant Surveyor General. In charge, Lithographic and Photographic Offices, Head Quarters, Calcutta.
1	. . . .	. . . . .	Offg. Deputy Surveyor General in charge, Trigonometrical Branch.	
2	. . . .	. . . . .	Head Quarters, Calcutta . .	Assistant Surveyor General.
3	. . . .	. . . . .	On furlough	For 1 year, from 16th November 1888
1	. . . .	. . . . .	Head Quarters, Calcutta . .	Offg. Deputy Superintendent, 1st Grade, an Assistant Surveyor General.
2	1,600 0 0	(*a*) Presidency R60	In charge No. 8 (Bengal and Orissa).	Offg. Deputy Superintendent, 1st Grade.
3	1,300 0 0	. . . . .	In charge No. 18 (Himalaya).	
4	1,300 0 0	. . . . .	In charge No. 17 (Bombay Forests).	
5	. . . .	. . . . .	On furlough	For 1 year and 243 days, from 4th September 1888.
6	1,300 0 0	. . . . .	In charge No. 3 (Nagpur).	
7	1,300 0 0	. . . . .	In charge No. 5 (Jhansi).	
8	. . . .	. . . . .	On furlough	For 1 year, from 29th June 1888.

(*a*) Department of Agriculture, Revenue, and Commerce Memorandum No. 213, dated 14th May 1878.
(*b*) Ditto ditto ditto ditto ditto No. 731, dated 31st October 1873.

Classified List of Officers of the Senior Division, Survey of India

No. sanctioned	No. existing in each grade.	Names of Officers.	Branch to which originally posted.	Passed in Vernacular.	Age.	Date of appointment to the Department.	Date of promotion to the present grade.	* Period of service counting towards pension on 1st January 1889.
					Y. M. D.			Y. M. D.
		SENIOR DIVISION —*contd.*						
		Deputy Superintendents—*contd.*						
10		3RD GRADE.						
	1	Bt. Lt.-Col. T. H. Holdich, R.E.	Topogl.	L. S.	45 10 16	July 23, 1866	April 29, 1883	. . .
	2	Lt.-Col. J. Waterhouse, S.C.	Topogl.	P. H.	46 5 8	July 23, 1866	Jan. 10, 1884	. . .
	3	Lt.-Col. M. W. Rogers, R.E.	G. T. S.	L. S.	46 10 26	July 30, 1866	Aug. 7, 1884	. . .
	4	*Major J. Hill, R.E.*	G. T. S.	Not passed	48 0 7	Dec. 18, 1866	Oct. 1, 1884	. . .
	5	*H. Hörst*	Topogl.	Not passed	54 7 27	April 1, 1868	Nov. 10, 1884	29 6 27
	6	*W. H. Cole, M.A.*	G. T. S.	H. S.	51 0 16	{Jan. 3, 1867A / Sep. 1, 1867B}	Nov. 28, 1884	20 6 8
	7	Lt.-Col. A. W. Baird, R.E., F.R.S., A.I.C.E.	G. T. S.	P. H.	46 2 5	Dec. 4, 1868	March 10, 1886	. . .
	8	Major J. R. McCullagh, R.E.	G. T. S.	L. S.	46 9 5	Feb. 12, 1869	Jan. 1, 1887	. . .
	9	Lt.-Col. J. R. Wilmer, S.C.	Topogl.	H S.	47 11 12	Aug. 24, 1869	Feb. 19, 1887	. . .
	10	Lt.-Col. S. H. Cowan, S.C.	Rev.	P. H.	47 3 16	Jan. 19, 1867	July 17, 1888	. . .
11		4TH GRADE.						
	1	Lt.-Col. E. H. Steel, S.C.	Rev.	H. S.	47 7 26	Feb. 1, 1867	Jan. 10, 1884	. . .
	2	Lt.-Col. H. S. Hutchinson, S.C.	Rev.	P. H.	48 8 20	Aug. 13, 1867	Aug. 7, 1884	. . .
	3	E. C. Barrett	Rev.	H. S.	44 8 16	Dec. 30, 1868	Oct. 1, 1884	24 0 11
	4	Lt.-Col. R. Beavan, S.C.	Rev.	P. H.	45 3 11	July 17, 1868	Nov. 10, 1884	. . .
	5	*Col. R. G. Woodthorpe, C.B., R.E.*	Topogl.	L. S.	44 3 8	July 14, 1871	Nov. 28, 1884	. . .
	6	G. H. Cooke	Rev.	L. S.	44 1 1	April 1, 1870	Oct. 22, 1885	20 0 15
	7	E. J. Jackson	Rev.	H. S.	44 1 26	Nov. 5, 1868	Oct. 26, 1885	18 9 7

* Applies only to officers who are under the Uncovenanted Service Rules.

Department, as it stood on 1st January 1889—continued.

No. existing in each grade.	Consolidated Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	Remarks.
	₹ a. p.			
1	1,482 10 0	. . . . .	In charge, Drawing Office, Dehra Dun, and No. 15 (Baluchistan).	Officiating Deputy Superintendent, 2nd Grade.
2	. . . .	. . . . .	Head Quarters, Calcutta . .	Officiating Deputy Superintendent, 2nd Grade, and Assistant Surveyor General.
3	1,543 8 0	(a) Deputation ₹100.	In charge, No. 25 (Tidal and Levelling).	Officiating Deputy Superintendent, 2nd Grade.
4	. . . .	. . . . .	On furlough	For 1 year and 5 months, from 18th May 1888.
5	. . . .	. . . . .	On furlough	For 18 months, from 1st December 1887. Joined the Junior Division, 1st September 1854. On furlough from 5th June 1879, and special extension till 12th September 1882. Service reckoned under new rules.
6	. . . .	. . . . .	On furlough	For 12 months, from 12th January 1888. Extension for 6 weeks. (A) Appointed on probation. Exclusive of service as Professor of Mathematics, Government College, Agra, from 14th April 1862 to end of February 1864. (B) Brought on the strength of the Department.
7	1,543 8 0	(b) Presidency ₹60.	On duty Head Quarters, Calcutta	Officiating Deputy Superintendent, 2nd Grade.
8	1,182 10 0	. . . . .	In charge, No. 19 (Madras).	
9	1,100 0 0	(c) Inclusive of personal, ₹100.	In charge No. 14 (Hoshungabad)	
10	1,100 0 0	(c) Inclusive of personal, ₹100.	In charge No. 4 (Eastern Bengal)	
1	1,100 0 0	(c) Inclusive of personal, ₹100.	In charge No. 2 (Bilaspur) .	Officiating Deputy Superintendent, 3rd Grade.
2	1,100 0 0	(c) Inclusive of personal, ₹100.	In charge No. 10 (Bombay) .	Ditto ditto.
3	1,000 0 0	. . . . .	In charge No. 6 (Assam) .	Ditto ditto. Joined the Junior Division, 18th November 1862. Sick leave for 1 month, from 20th June 1869. Furlough from 27th August 1880 to 12th July 1882.
4	1,100 0 0	(c) Inclusive of personal, ₹100.	In charge No. 20 (Burma) .	Officiating Deputy Superintendent, 3rd Grade.
5	. . . .	. . . . .	On furlough	For 4 months, from 10th October 1888.
6	1,000 0 0	. . . . .	In charge, No. 9 (Chanda) .	Officiating Deputy Superintendent, 3rd Grade. Joined the Junior Division, 6th December 1866. Furlough for 2 years, from 22nd May 1880; extension for 12 days without pay.
7	1,000 0 0	. . . . .	In charge, No. 12 (Saugor) .	Officiating Deputy Superintendent, 3rd Grade. Joined the Junior Division, 26th September 1864 Sick leave from 4th July to 3rd August and from 19th August to 30th November 1867. Europe, medical certificate, from 23rd July 1871 to 10th November 1872. Furlough to Europe from 1st May 1880 to 3rd December 1881, and from 13th November 1885 to 23rd October 1886.

(a) Department of Revenue and Agriculture, No. 519-81—4, dated 18th September 1884.
(b) Department of Agriculture, Revenue, and Commerce Memorandum No. 213, dated 14th May 1878.
(c) Department of Revenue and Agriculture, No. 393S., dated 15th September 1882.

Classified List of Officers of the Senior Division, Survey of India

No. sanctioned.	No. existing in each grade.	Names of Officers.	Branch to which originally posted.	Passed in Vernacular.	Age.	Date of appointment to the Department.	Date of promotion to the present grade.	* Period of service counting towards pension on 1st Jan. 1889.
		SENIOR DIVISION —*concld.*			Y. M. D.			Y. M. D.
		Deputy Superintendents—*concld.*						
		4TH GRADE—*concld.*						
	8	*Bt.-Major St. G. C. Gore, R.E.*	G. T. S.	Not passed	39 10 8	April 11, 1873	March 10, 1886	. . .
	9	Bt.-Major J. R. Hobday, s.c.	Topogl.	H. S.	38 5 16	Sep. 11, 1874	Jan. 1, 1887	. .
	10	*Capt. F. B. Longe, R.E.*	†	Not passed	32 2 2	March 15, 1880	April 11, 1888	. . .
	11	Capt. R. A. Wahab, R.E.	†	H. S.	33 8 18	Jan. 8, 1883	July 17, 1888	. . .
		Assistant Superintendents.						
11		1ST GRADE.						
	1	E. C. Ryall	G. T. S.	Not passed	50 11 15	April 1, 1873	Feb. 1, 1883	33 7 10
	2	W. H. Patterson	Rev.	L. S.	50 3 6	Jan. 22, 1883	Oct. 1, 1884	26 11 15
	3	F. W. Kelly	Rev.	H. S.	55 4 5	Feb. 22, 1883	Nov. 10, 1884	33 0 5A
	4	Capt. H. M. Jackson, R.E.	†	H. S.	30 9 5	June 11, 1883	Nov. 28, 1884	. . .
	5	Lieut. W. H. Pollen, R.E.	†	L. S.	29 2 20	April 26, 1884	Oct. 22, 1885	. . .
	6	,, G. B. Hodgson, s.c.	†	H. S.	30 2 4	Sep. 12, 1883	Oct. 26, 1885	. . .
	7	,, S. G. Burrard, R.E.	†	L. S.	28 4 19	Sep. 2, 1884	Mar. 10, 1886	. . .
	8	A. D'Souza	G. T. S.	Not passed	51 4 20	Oct. 1, 1884	Jan. 1, 1887	28 1 15B
	9	G. B. Scott	Rev.	H. S.	44 5 1	Nov. 10, 1884	Feb. 19, 1887	25 8 0
	10	J. Eccles, M.A.	†	Not passed	31 3 23	May 30, 1885	April 11, 1888	3 7 2
	11	Lieut. J. M. Fleming, s.c.	†	H. S.	30 4 19	July 3, 1885	July 17, 1888	. . .
6		2ND GRADE.						
	1	T. A. Pope	†	Telegu, Tamil.	30 6 10	Oct. 1, 1886	Oct. 1, 1886	2 3 0C
	2	Lieut. T. F. B. Renny-Tailyour, R.E.	†	. . . .	25 6 23	April 1, 1888	April 1, 1888	. . .
	3	Lieut. R. J. H. L. Mackenzie, R.E.	†	. . . .	24 8 16	March 26, 1888	March 26, 1888	. . .
	4	Vacant.	. . . .	. . . .	. . .	. . . . .	. . . . .	. . .
	5	Ditto.	. . . .	. . . .	. . .	. . . . .	. . . . .	. . .
	6	Ditto.	. . . .	. . . .	. . .	. . . . .	. . . . .	. . .

* Applies only to officers who are under the Uncovenanted Service Rules.
† Joined the Department after the amalgamation on the 1st January 1878.

Department, as it stood on 1st January 1889—concluded.

No. existing in each grade.	Consolidated Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	Remarks.
	R a. p.			
8	. . . .	. . . . .	On Military duty, in Europe.	
9	1,000 0 0	(*a*) Burma, R125 .	In charge No. 21 (Upper Burma).	Officiating Deputy Superintendent, 3rd grade.
10	. . . .	. . . . .	On furlough	For 18 months, from 16th November 1888.
11	990 0 0	. . . . .	On duty, Dehra Dun.	
1	850 0 0	. . . . .	In charge No. 24 (Upper Burma)	Officiating Deputy Superintendent, 4th Grade. Joined the Junior Division, 25th April 1855. Two hundred and twenty-five days' sick leave included under old rules. Sick leave for 26 days, from 10th December 1883, excluded.
2	850 0 0	. . . . .	In charge No. 11 (Nimar) . .	Officiating Deputy Superintendent, 4th Grade. Joined the Junior Division, 1st December 1851. Leave on private affairs from 1st May to 31st August 1862. Ditto to Europe from 20th July 1872 to 18th January 1873, and from 11th July 1879 to 2nd January 1880.
3	850 0 0	(*b*) Burma, R150 .	In charge No. 7 (Thongwa) .	Offg. Deputy Superintendent, 4th Grade. Joined the Junior Division, 4th December 1854. (A) Service reckoned under old rules. Special leave for 4 months, from 21st January 1858, which was overstayed from 21st May to 16th August 1858. Commencement of second service, 17th August 1858. Medical leave from 13th November 1886 to 9th May 1887. Extension of 1 year's service from 27th August 1888.
4	990 0 0	(*a*) Burma, R125 .	No. 21 (Upper Burma) . .	Officiating Deputy Superintendent, 4th Grade.
5	920 0 0	(*c*) Presidency, R60	Head Quarters, Calcutta . .	Ditto ditto.
6	850 0 0	(*c*) Presidency R60	Head Quarters, Calcutta . .	Ditto ditto.
7	920 0 0	. . . . .	In charge Computing, Dehra Dun.	Ditto ditto.
8	850 0 0	. . . . .	In charge No. 13 (Betul) . .	Officiating Deputy Superintendent, 4th Grade. Joined the Junior Division, 19th February 1856. (B) Exclusive of 349 days' furlough, 77 days' leave on medical certificate, and 33 days' preparatory leave under new rules.
9	850 0 0	. . . . .	In charge No. 4A (Srinagar) .	Officiating Deputy Superintendent, 4th Grade. Joined the Junior Division, 1st May 1863.
10	850 0 0	. . . . .	In charge Nos. 22 and 23 Parties (Astronomical I and II).	Officiating Deputy Superintendent, 4th Grade.
11	600 0 0	. . . . .	No. 3 (Nagpur).	
1	600 0 0	(*c*) Presidency, R100	Head Quarters, Calcutta . .	Officiating Assistant Superintendent, 1st Grade (C). Excludes previous service under Madras Government.
2	670 0 0	(*a*) Burma R125 .	No. 21 (Upper Burma) . .	Officiating Assistant Superintendent, 1st Grade.
3	670 0 0	(*b*) Baluchistan, R100	No. 15 (Baluchistan). . .	Ditto ditto.
4	. . . .	. . . . .	. . . . .	
5	. . . .	. . . . .	. . . . .	
6	. . . .	. . . . .	. . . . .	

(*a*) Department of Revenue and Agriculture, No. 171, dated 6th May 1880.
(*b*) Department of Finance and Commerce, No. 5826, dated 25th October 1888.
(*c*) Department of Agriculture, Revenue, and Commerce Memorandum No. 213, dated 14th May 1878.

Classified List of Officers of the Junior Division, Survey of

No. sanctioned	No. existing in each grade.	Names of Officers.	Branch to which originally posted.	Passed in Vernacular.	Age.	Date of appointment to the Department.	Date of promotion to the present grade.	*Period of service counting towards pension on 1st January 1889.
					Y. M. D.			Y. M. D.
		JUNIOR DIVISION.						
		Surveyors.						
8		1st Grade.						
		Salary R500.						
		G. A. McGill . . .	Topogl.	L. S.	50 8 7	April 8, 1855	Mar. 7, 1882	33 8 3
	1	D. Atkinson	Topogl.	. . . .	51 7 24	Aug. 4, 1856	Jan. 22, 1883	32 4 28
	2	F. Grant	Rev.	. . . .	52 9 6	July 11, 1856	Feb. 22, 1883	32 5 21
	3	C. Wood	G. T. S.	L. S.	46 5 10	May 6, 1858	April 1, 1883	30 5 10
	4	*H. E. T. Keelan* . . .	G. T. S.	. . . .	45 9 1	Aug. 17, 1858	Oct. 29, 1883	22 1 11A
	5	A. J. Wilson	Topogl.	L. S.	46 4 0	Oct. 1, 1860	June 2, 1884	28 6 0
	6	G. W. E. Atkinson . .	G. T. S.	. . . .	45 2 20	Aug. 1, 1859	Nov. 10, 1884	29 2 20
	7	S. M. Smylie	Rev.	L. S	48 1 7	July 24, 1860	June 27, 1886	28 1 5
	8	J. S. Pemberton . . .	Rev.	L. S.	45 5 23	Oct. 6, 1860	Nov. 24, 1887	28 2 21
11		2nd Grade.						
10		*Salary R400.*						
	1	W. Todd	G. T. S.	. . . .	50 1 21	Jan. 11, 1856	June 1, 1874	30 10 23B
	2	James Todd	Rev.	. . . .	54 7 19	Dec. 27, 1863	Feb. 22, 1883	23 3 19
	3	H. R. Littlewood . . .	Rev.	{ L. S. Burmese }	45 1 25	Oct. 6, 1860	Oct. 29, 1883	28 2 26
	4	W. A. Wilson . . .	Rev.	L. S.	45 7 12	Jan. 1, 1861	Nov. 1, 1883	28 0 0
	5	A. M. Lawson . . .	Rev.	L. S.	49 11 29	Nov. 18, 1862	June 2, 1884	26 1 13
	6	E. S. P. Atkinson . . .	Topogl.	. . . .	43 5 4	Aug. 13, 1861	March 1, 1885	19 11 26
	7	A. J. Gibson	Rev.	. . . .	47 1 0	May 1, 1861	March 1, 1885	27 7 27
	8	M. J. Ogle	Topogl.	. . . .	46 9 27	July 1, 1863	Nov. 15, 1885	23 9 27
	9	W. S. Buttress . . .	Rev.	. . . .	44 10 12	Sep. 1, 1860	July 1, 1886	28 4 0
	10	F. Adams	Topogl.	. . . .	52 8 6	Oct. 1, 1860	April 1, 1883	32 1 27C
	11	A. G. Wyatt . .	Topogl.	. . . .	43 10 6	Nov. 1, 1861	Nov. 24, 1888	26 2 6
14		3rd Grade.						
		Salary R350.						
	1	H. W. Peychers . . .	G. T. S.	. . . .	46 0 18	April 8, 1862	March 12, 1883	26 8 23
	2	G Belcham	G. T. S.	H. S.	43 10 15	Nov. 1, 1862	April 1, 1883	26 2 0

* Applies only to officers who are under the Uncovenanted Service Rules.

India Department, as it stood on 1st January 1889.

No. existing in each grade.	Consolidated Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	Remarks.
	R a. p.			
...	600 0 0	. . . . .	Chief Draftsman, Head Quarters, Calcutta.	Sick leave from 1st November 1871 to 28th February 1872. Service reckoned under old rules.
1	500 0 0	(a) Presidency house-rent, R45.	No. 8 (Bengal and Orissa) .	Service reckoned under old rules.
2	500 0 0	. . . . .	No. 2 (Bilaspur).	
3	500 0 0	(b) Dehra Office, R50. .	Computing Dehra Dun . .	Service reckoned under old rules.
4	. . .	. . . . .	On furlough	For one year from 12th May 1888. (A) Exclusive of 11 months and 13 days' furlough and 18 days' sick leave under new rules.
5	500 0 0	(a) Presidency house-rent R45.	Head Quarters, Calcutta. .	Apprentice Draftsman from 1st January 1860.
6	500 0 0	(b) Dehra Office, R50 .	Drawing Office, Dehra Dun .	Service reckoned under old rules.
7	500 0 0	. . . . .	Head Draftsman, Head Quarters, Calcutta.	Furlough from 8th November 1882 to 11th March 1883.
8	500 0 0	(c) Charge allowance R100.	In temporary charge No. 1 (Punjab).	Overstayed privilege leave by 5 days in June 1869.
1	400 0 0	. . . . .	No. 10 (Bombay) . . .	(B) Inclusive of 2 years, which count as service out of 4 years 28 days' leave on medical certificate under old rules.
2	400 0 0	. . . . .	No. 9 (Chanda) . . .	Furlough in India, from 16th April 1883 to 30th September 1884. Overstayed privilege leave by 1 day in August 1874.
3	400 0 0	(d) Burma, R75 . .	No. 7 (Thongwa).	
4	400 0 0	. . . . .	No. 11 (Nimar).	
5	400 0 0	. . . . .	No. 17 (Bombay Forests).	
6	400 0 0	(a) Presidency house-rent, R30.	Head Quarters, Calcutta . .	Leave without allowance for 11 days in August 1868, 19 days in December 1868, and 5 days' medical leave in December 1868. Medical leave for 1 year 3 months and 13 days, from 26th July 1876 to 8th November 1877, and sick leave for 19 days in September 1867.
7	400 0 0	. . . . .	No. 13 (Betul)	Absent without leave for 3 days in January 1866.
8	400 0 0	(e) Burma R100 . .	No. 21 Upper Burma . .	Furlough to Europe for 1 year, from 21st November 1877 to 20th November 1878.
9	400 0 0	. . . . .	No. 3 (Nagpur) . . .	Copyist from 1st to 30th September 1860.
10	400 0 0	(a) Presidency house-rent, R30.	Head Quarters, Calcutta . .	(C) Inclusive of service as Sub-Surveyor, from 3rd November 1856 to 30th September 1860.
11	400 0 0	(e) Burma, R100 .	No. 21 (Upper Burma) . .	Furlough from 11th November 1883 to 6th November 1884.
1	350 0 0	(b) Dehra Office, R50 .	Computing Dehra Dun .	Service reckoned under old rules.
2	350 0 0	(f) Deputation, R50 .	No. 25 (Tidal and Levelling) .	Ditto ditto.

(a) Financial Resolution No. 704, dated 22nd February 1866.
(b) Financial Resolution No. 3996, dated 22nd December 1864, and No. 2570, dated 30th November 1871.
(c) Department of Finance and Commerce, No. 1235, dated 5th June 1885.
(d) Department of Finance and Commerce, No. 5826, dated 25th October 1888.
(e) Department of Home, Revenue, and Agriculture, No. 171, dated 6th May 1880.
(f) Surveyor General's No. 9533—8, dated 20th September 1885.

Classified List of Officers of the Junior Division, Survey of India

No. sanctioned.	No. existing in each grade.	Names of Officers.	Branch to which originally posted.	Passed in Vernacular.	Age.	Date of appointment to the Department.	Date of promotion to the present grade.	*Period of service counting towards pension on 1st January 1889.
					Y. M. D.			Y. M. D.
		JUNIOR DIVISION —*contd.*						
		Surveyors—*contd.*						
		3RD GRADE—*concld.* *Salary R350*—concld.						
	3	H. Dowman	Rev.	. . . .	42 6 20	Oct. 16, 1862	Sep. 5, 1883	26 2 1
	4	E. G. Little	Rev.	. . . .	43 2 19	Jan. 1, 1860	Sep. 23, 1883	21 2 19A
	5	H. T. Hanby	Rev.	L. S.	42 2 12	Nov. 13, 1862	Oct. 29, 1883	26 1 18
	6	L. J. Pocock	G. T. S.	H. S.	45 3 5	July 10, 1863	Nov. 1, 1883	23 0 7B
	7	A. Christie	G. T. S.	H. S.	43 3 1	Aug. 7, 1863	June 2, 1884	20 9 4
	8	W. J. O'Sullivan . . .	G. T. S.	. . . .	44 10 17	Oct. 1, 1863	Oct. 1, 1884	22 10 17
	9	W. W. McNair . . .	Topogl.	L. S.	38 3 18	Sep. 1, 1867	Nov. 10, 1884	15 3 10
	10	N. C. Gwynne . . .	G. T. S.	. . . .	45 9 25	Oct. 19, 1863	March 1, 1885	23 9 25
	11	W. C. Price	G. T. S.	. . . .	42 6 8	Nov. 1, 1863	Nov. 15, 1885	20 6 8
	12	C. H. McA'Fee . . .	G. T. S.	L. S.	39 1 15	Sep. 6, 1864	July 1, 1886	17 0 15
	13	C. F. Hamer	Topogl.	. . . .	42 4 24	Aug. 3, 1863	Aug. 29, 1888	20 2 24
	14	J. H. O'Donel . . .	Rev.	. . . .	43 5 20	Oct. 1, 1863	Nov. 24, 1888	21 5 20
18		4TH GRADE. *Salary R300.*						
	1	T. E. M. Claudius . . .	Topogl.	. . . .	42 7 0	Aug. 1, 1863	Jan. 1, 1880	20 7 0
	2	A. J. James	Topogl.	L. S.	42 1 12	June 15, 1864	Nov. 22, 1880	20 1 12
	3	T. H. Rendell . . .	G. T. S.	. . . .	44 5 9	Oct. 11, 1864	June , 1881	22 5 9
	4	D. A. King	Rev.	. . . .	42 1 26	April 12, 1864	April 1, 1883	19 1 14
	...	*W. Stotesbury* . . .	Topogl.	H S L. S. Canarese.	41 5 6	Oct. 4, 1864	July 21, 1883	19 5 6
	5	R. B. Smart	Rev.	L. S.	41 6 2	Jan. 1, 1864	Sep. 5, 1883	19 6 2
	6	F. Kitchen	Topogl.	. . . .	42 9 7	Oct. 1, 1864	Sep 23, 1883	20 7 7C
	7	Hugh Todd	G. T. S.	. . . .	41 4 15	July 15, 1865	Oct. 6, 1883	19 3 16D
	8	E. J. Connor	G. T. S.	L. S.	40 4 15	March 1, 1865	Nov. 1, 1883	17 10 10E

* Applies only to officers who are under the Uncovenanted Service Rules.

Department, as it stood on 1st January 1889—continued.

No. existing in each grade.	Consolidated Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	Remarks.
	R a. p.			
3	350 0 0	. . . .	No. 9 (Chanda) . . .	Absent without leave 3 days; sick leave 2 days in October 1865, 4 days in December 1865, and from 11th to 16th December 1866.
4	350 0 0	(*a*) Charge allowance R50.	In charge Balaghat Detachment	Apprentice from 1st January 1860 to 4th November 1862. (A) Exclusive of 7 years 9 months 11 days' service under 22 years of age.
5	350 0 0	. . . .	No. 4 (Eastern Bengal).	
6	350 0 0	. . . .	No. 14 (Hoshungabad) . .	(B) Exclusive of 89 days' sick leave.
7	350 0 0	. . . .	No. 14 (Hoshungabad) . .	Furlough from 18th November 1886 to 15th May 1887.
8	350 0 0	(*b*) Charge allowance R50.	In charge Chittagong Detachment.	
9	350 0 0	(*c*) Baluchistan, R80 .	No. 15 (Baluchistan) . .	Furlough for 1 year, from 28th March 1883. On duty in England for 3 months from 28th March 1884. Extraordinary leave for 6 weeks from 28th June 1884.
10	350 0 0	. . . .	Drawing Office, Dehra Dun.	
11	350 0 0	. . . .	No. 4 (Eastern Bengal).	
12	350 0 0	. . . .	Drawing Office, Dehra Dun .	Sick leave for 1 month, from 30th December 1882. Passed the Poona C. E. College Examination in 1864.
13	350 0 0	. . . .	No. 19 (Madras).	
14	350 0 0	(*d*) Assam, R50 . .	No. 6 (Assam).	
1	300 0 0	(*c*) Baluchistan, R80 .	No. 15 (Baluchistan).	
2	300 0 0	(*f*) Presidency house-rent R30.	Head Quarters Calcutta.	
3	300 0 0	. . . .	Drawing Office, Dehra Dun.	
4	300 0 0	. . . .	No. 12 (Saugor) . . .	On medical leave for 1 year, from 20th December 1887. Apprentice from 12th April to 30th June 1864.
...	400 0 0	. . . .	Draftsman and Compiler, Head Quarters, Calcutta.	
5	300 0 0	. . . .	No. 8 (Bengal and Orissa) .	Apprentice from 1st January to 31st December 1864.
6	300 0 0	(*e*) Burma, R100 . .	No. 21 (Upper Burma) . .	(C) Exclusive of 2 months' sick leave.
7	300 0 0	. . . .	No. 19 (Madras) . . .	(D) Exclusive of 30 days' sick leave.
8	300 0 0	. . . .	No. 25 (Tidal and Levelling) .	(E) Exclusive of 6 months and 5 days' leave on private affairs under new rules.

(*a*) Surveyor General's No. 2079S., dated 20th November 1888.
(*b*) Ditto ditto No. 2080S., dated 20th November 1888.
(*c*) Department of Finance and Commerce, No. 5828, dated 25th October 1888.
(*d*) Department of Revenue and Agriculture, No. 27S., dated 18th January 1884.
(*e*) Department of Home, Revenue, and Agriculture, No. 171, dated 6th May 1880.
(*f*) Financial Resolution No. 704, dated 22nd February 1866.

Classified List of Officers of the Junior Division, Survey of India

No. sanctioned.	No. existing in each grade.	Names of Officers.	Branch to which originally posted.	Passed in Vernacular.	Age.	Date of appointment to the Department.	Date of promotion to the present grade.	*Period of service counting towards pension on 1st January 1889.
		JUNIOR DIVISION —*contd.*			Y. M. D.			Y. M. D.
		Surveyors—*concld.* 4TH GRADE—*concld.* *Salary R300*—concld.						
	9	J. Connor	Rev.	. . . .	41 3 24	Feb. 15, 1865	June 2, 1884	19 3 24
	...	*T. H. Dunne*	Rev.	L. S.	39 0 7	Feb. 15, 1865	Sep. 1, 1884	16 11 26
	10	J. Bond	G. T. S.	. . . .	38 11 24	Oct. 18, 1866	Oct. 1, 1884	16 11 4A
	11	C. D. Potter	G. T. S.	L. S.	43 3 27	Oct. 29, 1866	Nov. 10, 1884	21 2 24B
	12	J. Newland	Rev.	L. S.	51 4 26	Oct. 22, 1863	March 1, 1885	25 2 10
	13	C. Tapsell	Topogl.	L. S.	44 1 17	Aug. 2, 1864	July 1, 1886	22 1 17
	14	J. A. Barker	Topogl.	. . . .	42 8 18	Sep. 1, 1865	Aug. 1, 1886	20 8 18
	15	E. A. Wainright	Topogl.	. . . .	40 6 23	May 1, 1866	Nov. 24, 1887	18 6 23
	16	R. C. D. Ewing	Rev.	H. S.	40 6 20	June 9, 1866	Aug. 29, 1888	16 5 25
	17	W. J. Cornelius	Topogl.	L. S.	39 9 1	Aug. 15, 1866	Nov. 24, 1889	17 9 1
	18	G. W. Jarbo	Rev.	L. S.	41 3 15	Nov. 1, 1866	Dec. 3, 1888	19 3 15
		Assistant Surveyors. 1ST GRADE. *Salary R200 rising to R250.*						
41	1	*J.T. U. Coxen*	*Rev.*	. . . .	48 3 22	*May* 16, 1863	*Dec.* 3, 1888C	
	...	*P. J. W. Doran*	Topogl.	L. S.	39 7 27	Feb. 1, 1867	July 6, 1880	16 11 3
		J. R. Scott	Rev.	L. S.	39 9 27	Jan. 19, 1867	Nov. 22, 1880	17 9 27
	3	J. Mellatton	Rev.	L. S.	39 5 14	July 1, 1867	April 1, 1881	16 5 14
	4	H. T. Kitchen	Topogl.	. . . .	40 6 23	Nov. 1, 1867	April 1, 1881	18 6 23
	5	J. H. Wilson	Topogl.	L. S. Elementary Standard, Burmese.	42 6 23	April 1, 1868D	April 1, 1881	20 4 23E
	6	J. Hickie	G. T. S.	L. S.	39 11 17	April 29, 1868	April 1, 1881	17 5 17
	7	S. O. Madras	Rev.	. . . .	38 4 16	July 6, 1868	April 1, 1881	16 4 16
	8	G. D. Cusson	G. T. S.	L. S.	42 3 7	May 8, 1868	April 1, 1881	19 3 7F
	9	T. F. Freeman	Rev.	L. S.	37 9 27	Sep. 9, 1868	April 1, 1881	13 2 27
	...	*G. C. Swiney*	Rev.	. . . .	39 6 4	Sep. 17, 1868	April 1, 1881	17 6 4
	10	J. S. Swiney	Rev.	. . . .	38 0 12	Jan. 5, 1869	April 1, 1881	16 0 12
	11	C. P. Torrens	G. T. S.	. . . .	37 6 12	Dec. 12, 1868	April 1, 1881	15 6 10G
	12	W. Robert	Topogl.	. . . .	38 4 2	Aug. 21, 1869	April 1, 1881	16 4 2
	13	T. Shaw	Rev.	L. S	36 1 15	April 21, 1869	April 1, 1881	14 1 15

* Applies only to officers who are under the Uncovenanted Service Rules.

Department, as it stood on 1st January 1889—continued.

No. existing in each grade.	Consolidated Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	Remarks.
	R a. p.			
9	300 0 0	(*a*) Assam, R50 . .	No. 6 (Assam).	
...	. . . .	. . . .	On deputation, Central Provinces.	Absent without leave 1 day, and sick leave for 10 days in October 1865.
10	300 0 0	. . . .	No. 25 (Tidal and Levelling) .	(A) Exclusive of 20 days' sick leave.
11	300 0 0	. . . .	No. 18 (Himalaya) . . .	(B) Exclusive of 33 days' sick leave.
12	300 0 0	. . . .	No. 11 (Nimar).	
13	300 0 0	. . . .	No. 10 (Bombay).	
14	300 0 0	(*b*) Burma, R75 . .	No. 20 (Burma).	
15	300 0 0	. . . .	Drawing Office Dehra Dun.	
16	300 0 0	. . . .	No. 8 (Bengal and Orissa) .	Furlough from 17th September 1885 to 11th September 1887.
17	300 0 0	. . . .	Drawing Office, Dehra Dun.	
18	300 0 0	(*b*) Burma, R75 . .	No. 7 (Thongwa) . . .	Sick leave for 15 days, from 26th May to 9th June 1869.
1	. . . .	. . . .	On Furlough	For 1 year, from 12th November 1888 (C), date of reduction. Sick leave from 8th to 31st October 1873, and for 6 months from 12th November 1878. On furlough in India from 28th May to 25th October 1883. On leave without allowances from 1st July to 30th September 1885. Medical leave for 6 months from 10th November 1886.
...	325 0 0	. . . .	Draftsman, Head Quarters, Calcutta.	Offg. Surveyor, 4th Grade.
2	. . . .	. . . .	On deputation, Central Provinces.	Ditto ditto.
3	300 0 0	. . . .	No. 2 (Bilaspur) . . .	Ditto ditto. Furlough for 1 year, from 1st January to 31st December 1879.
4	250 0 0	(*d*) Presidency house-rent, R20.	Head Quarters, Calcutta.	
5	250 0 0	(*b*) Burma, R75 . .	No. 20 (Burma) . . .	(D) Commencement of second service. (E) Exclusive of 2 months' sick leave from 1st July 1869. Appointed Draftsman from 15th May 1863.
6	250 0 0	. . . .	No. 24 (Upper Burma) . .	Exclusive of 6 months' sick leave.
7	250 0 0	(*d*) Presidency house-rent, R20.	Head Quarters, Calcutta.	
8	250 0 0	. . . .	No. 10 (Bombay) . . .	(F) Exclusive of furlough for 364 days, from 1st November 1879 to 30th October 1880.
9	250 0 0	. . . .	No. 5 (Jhansi) . . .	Sick leave for 2 years, from 1st May 1880; extension for 9 months without pay up to 31st January 188 .
...	. . . .	. . . .	On deputation, Central Provinces.	
10	250 0 0	(*b*) Burma, R75 . .	No. 7 (Thonga).	
11	250 0	(*b*) Ditto R75 . .	No. 20 (Burma) . . .	(G) Exclusive of 2 days' overstayed privilege leave.
12	250 0 0	. . . .	No. 18 (Himalaya).	
13	250 0 0	. . . .	No. 4A (Srinagar).	

(*a*) Department of Revenue and Agriculture, No. 27S., dated 18th January 1884.
(*b*) Department of Finance and Commerce, No. 5826, dated 25th October 1888.
(*c*) Department of Revenue and Agriculture, No. 522S., dated 15th December 1882.
(*d*) Financial Resolution No. 704, dated 22nd February 1866.

Classified List of Officers of the Junior Division, Survey of India

No. sanctioned.	No. existing in each grade.	Names of Officers.	Branch to which originally posted.	Passed in Vernacular.	Age.	Date of appointment to the Department.	Date of promotion to the present grade.	*Period of service counting towards pension on 1st January 1889.
					Y. M. D.			Y. M. D.
		JUNIOR DIVISION —*contd.*						
		Assistant Surveyors —*contd.*						
		1st Grade—*contd.* *Salary R200 rising to R250*—contd.						
	14	C. W. Wilson	Rev.	L. S.	43 1 22	June 21, 1867A	April 1, 1881	20 8 22
	15	E. J. Martin	Rev.	. . . .	37 10 15	Sep. 16, 1867	April 1, 1881	14 8 17
	16	C W. F. Seyers . . .	Rev.	. . . .	45 4 15	Dec. 1, 1864	June 7, 1881	23 4 15
	17	W. H. Penrose . . .	Rev.	L. S.	37 2 24	Aug. 11, 1869	Nov. 1, 1882	14 7 17
	...	*G. E. Parker*	Rev.	. . . .	38 10 18	Nov. 18, 1870	Jan. 17, 1883	16 10 18
	18	G. Campbell	Rev.	. . . .	40 5 19	Jan. 1, 1864	Jan. 22, 1883	17 5 9
	19	W. C. G. Barckley . . .	Topogl.	. . . .	37 2 9	Dec. 1, 1871	Feb. 22, 1883	15 2 9B
	20	G. T. Hall	G. T. S.	L. S.	37 0 29	Nov. 22, 1872	April 1, 1883	15 0 29
	21	G. Vander Beek . . .	Topogl.	L. S.	39 3 15	July 1, 1872	April 30, 1883	17 3 15
	22	R. Todd	Topogl.	. . . .	43 5 20	Nov. 1, 1863	July 21, 1883	21 5 19
	23	J. Murphy	Rev.	. . . .	36 5 19	Nov. 22, 1868	Aug. 10, 1883	14 5 19
	24	A. W. Smart	Rev.	. . . .	37 10 1	Dec. 1, 1871	Oct. 6, 1883	15 10 1
	25	W. M. Kelly	Rev.	L. S.	34 4 25	Oct. 1, 1872	Nov. 21, 1883	12 4 25
	26	A. Kitchen	Topogl.	. . . .	35 11 4	Oct. 1, 1872	Dec. 1, 1883	13 11 4
	...	*E. P. S. Hill*	Rev.	H.S., L.S., Persian.	33 5 15	Nov. 16, 1872	June 2, 1884	11 5 15
	27	R. R. Dickinson . . .	Rev.	L. S.	37 5 6	April 16, 1873	Sep. 1, 1884	15 5 6
	28	E. Graham	Topogl.	L. S.	35 2 0	Aug. 11, 1873	Nov. 10, 1884	13 2 0
	29	G. A. Knight	Topogl.	. . . .	34 8 9	Aug. 11, 1873	March 1, 1885	12 8 9
	30	W. A. Fielding . . .	. . .	L. S.	39 7 3	May 1, 1868 Oct. 1, 1887O	April 1, 1881	18 7 13
	...	*P. A. Peters*	Rev.	L. S.	34 0 23	Nov. 1, 1873	May 14, 1886	12 0 23
	31	P. F. Prunty	G. T. S.	. . .	34 0 6	May 9, 1874	May 14, 1886	12 0 6

* Applies only to officers who are under the Uncovenanted Service Rules.

Department, as it stood on 1st January 1889—continued.

No. existing in each grade.	Consolidated Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	Remarks.
	R a. p.			
14	250 0 0	. . . .	No. 13 (Betul)	(A) Commencement of second service. Sick leave for 3 months from 1st March 1869, and 2 months from 1st August 1869.
15	250 0 0	(*b*) Presidency house-rent R20.	Head Quarters, Calcutta . .	On medical leave for 6 months from 13th April 1888. Furlough from 1st April to 30th November 1882. Office Assistant from 16th September 1867 to 31st July 1870.
16	240 0 0	. . . .	No. 13 (Betul).	
17	250 0 0	(*a*) Burma, R75 . .	No. 20 (Burma) . . .	Leave on medical certificate, from 22nd October to 28th November 1883, and for 6 months from 3rd August 1886 to 2nd February 1887.
...	. . . .	. . . .	On deputation, Central Provinces.	
18	250 0 0	. . . .	No. 1 (Punjab) . . .	Office Assistant, from 1st January 1864 to 20th February 1874. Furlough for 1 year, from 22nd September 1881 to 21st September 1882.
19	250 0 0	(*a*) Baluchistan, R80 .	No. 15 (Baluchistan) . .	(B) Inclusive of special leave to Europe on full pay for 1 year 10 months and 26 days, from 7th April 1876 to 2nd March 1878.
20	250 0 0	. . . .	No. 12 (Saugor).	
21	250 0 0	. . . .	No. 3 (Nagpur) . . .	Apprentice Draftsman, from 11th October 1870 to 30th July 1872.
22	250 0 0	. . . .	No. 19 (Madras) . . .	Suspension from 11th May to 6th June 1883.
23	250 0 0	. . . .	No. 5 (Jhansi) . . .	Office Assistant, from 22nd November 1868 to 31st October 1871.
24	250 0 0	. . . .	No. 5 (Jhansi) . . .	Three months' sick leave from 8th July 1880.
25	250 0 0	(*b*) Half scale local, R15-0-0.	No. 10 (Bombay) . . .	Re-appointed to the Department, 1st October 1878, after employment in the Forest Department, from 1st November 1877 to 30th September 1878.
26	250 0 0	. . . .	Drawing Office, Dehra Dun.	
...	. . . .	. . . .	On deputation, Central Provinces.	
27	240 0 0	. . . .	No. 10 (Bombay) . . .	Apprentice from 1st April 1872 to 15th April 1873.
28	240 0 0	(*a*) Baluchistan, R80 .	No. 15 (Baluchistan) . .	Previous service as Sub-Surveyor from 1st November 1872.
29	230 0 0	(*b*) Half scale local, R13-12-9.	No. 10 (Bombay).	
30	250 0 0	. . . .	No. 18 (Himalaya) . . .	(C) Date of re-appointment. Inclusive of services in the Bombay Secretariat from 1st April 1886 to 30th September 1887.
...	. . .	. . . .	On deputation, Straits Settlement.	
31	220 0 0	. . . .	No. 18 (Himalaya).	

(*a*) Department of Finance and Commerce No. 5826, dated 25th October 1888.
(*b*) Financial Resolution No. 704, dated 22nd February 1866.

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No. sanctioned.	No. existing in each grade.	Names of Officers.	Branch to which originally posted.	Passed in Vernacular.	Age.	Date of appointment to the Department.	Date of promotion to the present grade.	*Period of service counting towards pension on 1st January 1889.
		JUNIOR DIVISION —*contd.*			Y. M. D.			Y. M. D.
		Assistant Surveyors— *contd.*						
		1ST GRADE—*concld.*						
		Salary R200 rising to R250— concld.						
	32	P. White	Topogl.	L. S.	38 2 23	Oct. 1, 1872	Oct. 1, 1884	14 015A
	33	J. Keating.	G. T. S.	. . .	34 7 27	June 1, 1874	July 1, 1886	12 7 27
	34	C. S. Kraal	Rev.	L. S.	35 2 6	July 24, 1874	Aug. 1, 1886	13 1 19
	35	S. F. Norman . . .	G. T. S.	. . .	34 4 23	Sep. 1, 1874	April 1, 1887	12 4 23
	36	C. Norman	G. T. S.	L. S.	32 7 12	Oct. 12, 1874	April 1, 1887	10 7 12
	37	D. Campbell	Topogl.	. . .	36 1 13	Nov. 1, 1874	April 1, 1887	14 1 13
	38	L. F. Berkeley . . .	Rev.	L. S.	34 4 3	Aug. 16, 1875	Nov. 24, 1887	12 4 3
	39	G. P. Tate	†	L. S.	32 5 9	Mar. 12, 1878	Aug. 29, 1888	10 5 9
	40	J M. Kennedy . . .	G. T. S.	. . .	32 1 28	Aug. 19, 1875	Nov. 1, 1888	10 1 28
	41	P. C. H. Smart . . .	†	. . .	33 3 15	April 18, 1878	Nov. 24, 1888	10 3 6
2		2ND GRADE.						
		Salary R160 rising to R200.						
	1	B. M. Wilson	Rev.	. . .	40 8 17	Nov. 15, 1872	April 1, 1881	16 11 0
	2	C. George	†	L. S.	36 0 24	Sep. 5, 1878	Dec. 1, 1883	14 0 24
	3	R. F. Warwick . . .	G. T. S.	L. S.	33 9 6	July 2, 1875	March 1, 1884	9 729B
	4	A. George	†	L. S.	35 11 18	Oct. 15, 1878	Sep. 25, 1884	10 2170
	5	R. W. Senior . . .	†	L. S.	28 1 18	Dec. 21, 1878	Oct. 1, 1884	6 1 18
	6	W. H. D. Ewing . . .	†	L. S.	31 4 7	April 15, 1878	Nov. 10, 1884	9 2 6D
	7	J. A. Higgs	†	L. S.	29 8 13	Sep. 12, 1881	Nov. 28, 1884	6 7 7
	8	O. D. Smart	†	. . .	31 3 15	Oct. 1, 1881	March 1, 1885	9 1 0
	9	A. Ewing	†	. . .	27 0 0	Nov. 16, 1881	Oct. 1, 1885	5 0 0
	10	M. Gastaud	†	. . .	26 9 24	May 1, 1882	Oct. 30, 1885	4 9 24
	11	P. Beechey	†	L. S.	27 5 14	Dec. 1, 1882	April 1, 1886	5 5 14
	12	E. F. Berkeley . . .	†	L. S.	24 2 10	Sep. 1, 1883	May 14, 1886	2 2 10

* Applies only to officers who are under the Uncovenanted Service Rules.
† Joined the Department after the amalgamation on 1st January 1878.

Department, as it stood on 1st January 1889—continued.

No. existing in each grade.	Consolidated Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	Remarks.
	R a. p.			
32	220 0 0	. . . .	No. 11 (Nimar)	(A) Exclusive of sick leave for 3 months, from 21st October 1878. Leave extended for 3 months; further extension of leave without pay up to 17th August 1879. On half-pay list, from 18th August 1879 to 31st August 1880. On sick leave for 1 year, from 17th October 1881. Extension to 28th January 1883. On sick leave for 3 months, from 5th November 1883 to 4th February 1884.
33	220 0 0	. . . .	No. 24 (Upper Burma).	
34	220 0 0	. . . .	No. 8 (Bengal and Orissa) .	Sick leave, from 6th to 22nd February 1879.
35	210 0 0	(a) Half scale local, R12-9-7.	No. 17 (Bombay Forests).	
36	210 0 0	(a) Ditto 12-9-7 .	No. 17 (Bombay Forests).	
37	210 0 0	. . . .	No. 14 (Hoshungabad) . .	Joined as a Sub-Surveyor on 3rd July 1872.
38	210 0 0	. . . .	No. 4 (Eastern Bengal).	
39	200 0 0	(b) Baluchistan, R80 .	No. 15 (Baluchistan) . .	Apprentice from 1st March 1874 to 11th March 1878.
40	200 0 0	(c) Burma, R100 .	No. 21 (Upper Burma).	
41	200 0 0	. . . .	No. 2 (Bilaspur) . . .	Sick leave from 8th April to 14th September 1883.
1	192 0 0	(a) Presidency house-rent R20.	Head Quarters, Calcutta . .	Apprentice from 1st February to 14th November 1872.
2	192 0 0	. . . .	No. 11 (Chanda) . . .	Previous service as Sub-Surveyor from 18th August 1874.
3	192 0 0	. . . .	No. 4 (Eastern Bengal) . .	(B) Exclusive of leave on medical certificate for 2 months, from 10th October to 9th December 1877. Also for 6 months, from 1st May to 31st October 1879. Also for 4 months and 25 days, from 30th August 1881. Also from 16th August 1882 to 14th August 1883.
4	184 0 0	. . . .	No. 9 (Chanda) . . .	(C) Exclusive of previous service as Sub-Surveyor.
5	192 0 0	. . . .	No. 19 (Madras).	
6	192 0 0	. . . .	No. 1 (Punjab) . . .	(D) Exclusive of 2 months and 1 day's suspension, from 28th May to 1st July 1880, and sick leave from 2nd to 28th July 1880.
7	176 0 0	. . . .	No. 8 (Bengal and Orissa) .	On medical leave, from 7th March 1888 to 18th November 1888. Previous service as apprentice from 31st July 1878.
8	184 0 0	. . . .	No. 3 (Nagpur) . . .	Includes service in the temporary or Cadastral Establishment without interruption, from 1st December 1879 to 30th September 1881.
9	176 0 0	. . . .	No. 9 (Chanda).	
10	184 0 0	(d) Assam, R40 . .	No. 6 (Assam).	
11	176 0 0	(b) Burma, R75 . .	No. 7 (Thongwa).	
12	176 0 0	. . . .	No. 4A (Srinagar).	

(a) Financial Resolution No. 704, dated 22nd February 1866.
(b) Department of Finance and Commerce, No. 5826, dated 25th October 1888.
(c) Department of Home, Revenue, and Agriculture, No. 171, dated 6th May 1880.
(d) Department of Revenue and Agriculture, No. 278., dated 18th January 1884.

Classified List of Officers of the Junior Division, Survey of India

No. sanctioned.	No. existing in each grade.	Names of Officers.	Branch to which originally posted.	Passed in Vernacular.	Age.	Date of appointment to the Department.	Date of promotion to the present grade.	* Period of service counting towards pension on 1st January 1889.
		JUNIOR DIVISION —*concld.*			Y. M. D.			Y. M. D.
		Assistant Surveyors— *concld.*						
		2ND GRADE—*concld.* *Salary R160 rising to R900*—concld.						
	13	B. R. Hughes	†	L. S.	22 6 18	Oct. 15, 1883	July 1, 1886	0 6 18
	14	F. W. Moore	†	....	24 0 11	Dec. 13, 1883	July 1, 1886	2 0 11
	15	J. P. Barker	†	....	23 4 10	Dec. 23, 1883	Aug. 1, 1886	1 4 10
	16	N. Bedford	†	....	27 5 15	Jan. 10, 1884	April 1, 1887	4 11 21
	17	T. W. Babonau (Jr.)	†	L. S.	22 5 21	Jan. 15, 1884	April 1, 1887	0 5 21
	18	T. J. J. Mills	†	....	25 0 1	March 14, 1884	April 1, 1887	3 0 1
	19	P. J. Serrao	†	....	27 5 28	April 24, 1884	Nov. 24, 1887	4 8 6
	20	J. Smith	†	....	25 3 17	Aug. 1, 1884	Aug. 29, 1888	3 3 17
	21	W. E. Johnson	†	....	27 3 16	Aug. 18, 1884	Nov. 1, 1888	4 4 15
	22	W. V. Skilling	†	L. S.	21 8 6	Nov. 24, 1884	Nov. 24, 1884	...
22	..	3RD GRADE. *Salary R120 rising to R160.*						
	1	F. E. Warde	†	....	37 3 24	Nov. 13, 1884A	Nov. 13, 1884	4 1 19
	2	H. A. Charrier	†	L. S.	24 2 8	April 21, 1884	April 21, 1884	2 2 8
	3	A. B. Smart	†	....	23 3 4	Feb. 25, 1885	Feb. 25, 1885	1 3 4
	4	F. P. Walsh	†	....	22 1 10	Mar. 4, 1886	Mar. 4, 1886	0 1 10
	5	C. G. Lee	†	....	22 4 8	Mar. 1, 1886	Mar. 1, 1886	0 4 8
	6	F. S. Bell	†	....	24 3 2	Sep. 24, 1886	Sep. 24, 1886	2 3 2
	7	F. B. Powell	†	....	24 4 21	Sep. 23, 1886	Sep. 23, 1886	2 3 8
	8	Yusaf Sharif, Khan Bahadur	†	....	42 0 14	June 16, 1867	Dec. 1, 1886	29 0 13
	9	Rai Hira Singh, Bahadur	†	....	37 4 0	Nov. 13, 1873	Mar. 12, 1887	15 1 18
	10	J. A. T. Haddock	†	Elementary Standard, Burmese.	25 2 16	Nov. 26, 1887	Nov. 26, 1887	1 3 5
	11	J. H. Murphy	†	....	19 5 6	Nov. 1, 1887	Nov. 1, 1887	...
	12	W. J. Baker	†	....	22 4 14	Jan. 25, 1888	Jan. 25, 1888	0 4 14
	13	*C. G. S. Wood*	†	L. S.	20 6 0	Aug. 2, 1884	Aug. 2, 1884	...
	14	C. S. Gasper	†	....	20 4 21	Mar. 2, 1888	Mar. 2, 1888	...
	15	C. H. G. Johnson	†	....	19 6 17	Nov. 13, 1888	Nov. 13, 1888	...
	16	Vacant	....	....	...	....	....	...
	17	Ditto	....	....	...	....	....	...
	18	Ditto	....	....	...	....	....	...
	19	Ditto	....	....	...	....	....	...
	20	Ditto	....	....	...	....	....	...
	21	Ditto	....	....	...	....	....	...
	22	Ditto	....	....	...	....	....	...

* Applies only to officers who are under the Uncovenanted Service Rules.
† Joined the Department after the amalgamation on 1st January 1878.

Department, as it stood on 1st January 1889—concluded.

No. entering his each grade.	Consolidated Salary.	Extra allowances, if any.	Survey Party or Office to which at present attached.	Remarks.
	R a. p.			
13	176 0 0	. . . .	No. 24 (Upper Burma).	
14	176 0 0	. . . .	No. 2 (Bilaspur).	
15	176 0 0	. . . .	No. 4A (Srinagar).	
16	168 0 0	. . . .	No. 5 (Jhansi).	
17	168 0 0	. . . .	No. 13 (Betul).	
18	168 0 0	. . . .	No. 19 (Madras).	
19	160 0 0	. . . .	No. 17 (Bombay Forests).	
20	160 0 0	(a) Assam, R40 .	No. 6 (Assam).	
21	160 0 0	. . . .	No. 4 (Eastern Bengal).	
22	160 0 0	. . . .	No. 5 (Jhansi).	
1	136 0 0	. . . .	No. 14 (Hoshungabad) . .	(A) Date of re-appointment.
2	144 0 0	. . . .	No. 12 (Saugor).	
3	144 0 0	(b) Presidency house-rent R20.	No 8 (Bengal and Orissa).	
4	136 0 0	. . . .	No. 1 (Punjab).	
5	136 0 0	. . . .	No. 4 (Eastern Bengal) . .	Previous service in the Cadastral Establishment without interruption, from 1st December 1883 to 28th February 1886.
6	136 0 0	. . . .	No. 1 (Punjab).	
7	136 0 0	. . . .	No. 4A (Srinagar).	
8	136 0 0	. . . .	Drawing Office, Dehra Dun .	Joined as Sub-Surveyor, 16th June 1887.
9	128 0 0	(c) Baluchistan, R 80 .	No. 15 (Baluchistan) . .	Joined as Sub-Surveyor. Previous service in G. T. O. Printing Section from 1st October 1871.
10	128 0 0	(c) Burma, R75 . .	No. 7 (Thongwa) . . .	
11	128 0 0	. . . .	No. 5 (Jhansi) . . .	
12	120 0 0	. . . .	No. 3 (Nagpur) . . .	On probation.
13	. . . .	. . . .	Extraordinary leave . . .	Without allowances for 20 months, from 12th May 1886. Extension for 9 months. Further extension for 12 months.
14	120 0 0	. . . .	No. 8 (Bengal and Orissa) .	On probation.
15	120 0 0	. . . .	No. 13 (Betul).	Ditto.
16	. . . .	. . . .	. . . . .	
17	. . . .	. . . .	. . . . .	
18	. . . .	. . . .	. . . . .	
19	. . . .	. . . .	. . . . .	
20	. . . .	. . . .	. . . . .	
21	. . . .	. . . .	. . . . .	
22	. . . .	. . . .	. . . . .	

(a) Department of Revenue and Agriculture, No. 278., dated 18th January 1884.
(b) Financial Resolution No. 704, dated 22nd February 1866.
(c) Department of Finance and Commerce, No. 5826, dated 25th October 1888.

Names of Administrative and Technical Offices of the Survey of India Department, as they stood on 1st January 1889.

Names of Offices and Sections.	Nature of Current Operations.	Administrative Superintendent.
Head Quarters, Calcutta.		
Administrative.		
Surveyor-General's	Accounts, Correspondence	A. S. G., S. G. O.
Deputy Surveyor-General's, Topo.	Ditto	A. S. G., S. G. O.
Ditto, Rev.	Ditto	D. S. G., Rev.
Map Record and Issue	Correspondence, Receipts and Issues	A. S. G., D. O.
Technical.		
Drawing and Compiling	Mapping	A. S. G., D. O.
Engraving	On copper by hand	A. S. G., D. O.
Lithographic and Printing	Mapping, Litho. and Type Printing	A. S. G., Photo.
Photozincographic	Photo. Reproduction and Zinc Printing	A. S. G., Photo.
Mathematical Instrument	Repairing, storing and Issue	A. S. G., S. G. O.
Trigonometrical Branch, Dehra Dun.		
Administrative.		
Deputy Surveyor-General's, Trigonometrical Branch	Accounts, Correspondence	D. S. G., Trig.
Technical Sections.		
Computing	Reduction and Publication	Ditto.
Drawing and Compiling	Mapping	Ditto.
Meteorological		Ditto.
Photozincography	Photo. Reproduction and Zinc Printing	Ditto.
Printing	Letter-press Printing	Ditto.
Solar Photography	Solar Photography	Ditto.
Head Quarters Office, Simla.		
Administrative.		
Surveyor General's	Direction and Correspondence	S. G.

Names of Field Parties of the Survey of India Department, as they stood on 1st January 1889.

Number of Party.	Locale of Operations.	Abbreviation	Nature of Current Operations.	Administrative Superintendent.
No 1 .	Punjab	Punj . .	Traversing and Compilation	D. S. G., Rev.
,, 2 .	Bilaspur	Bil. . .	Cadastral	Ditto.
,, 3 .	Nagpur	Nag . .	Traversing . . .	Ditto.
,, 4 .	Eastern Bengal	East Beng .	Cadastral	Ditto.
,, 4A .	Srinagar	Sri. . .	Ditto	Ditto.
,, 5 .	Jhansi	Jhansi . .	Ditto	Ditto.
,, 6 .	Assam	Assam . .	Ditto	Ditto.
,, 7 .	Thongwa	Thongwa .	Ditto	Ditto.
,, 8 .	Bengal and Orissa	Beng. . .	Cadastral and Special .	Ditto.
,, 9 .	Chanda	Chanda . .	Traversing	Ditto.
,, 10 .	Bombay	Bom . .	Topographical . . .	Ditto.
,, 11 .	Nimar	Nimar . .	Traversing	Ditto.
,, 12 .	Saugor	Saug . .	Ditto . . .	Ditto.
,, 13 .	Betul	Betul . .	Ditto . . .	Ditto.
,, 14 .	Hoshungabad	Hoshung .	Forests	D S. G , Trig.
,, 15 .	Baluchistan	Bal . .	Topographical . . .	D S. G., Topo.
,, 17 .	Bombay	Bom. For .	Forests	Ditto.
,, 18 .	Himalaya	Him. . .	Topographical . . .	D. S. G., Trig.
,, 19 .	Madras	Mad. . .	Ditto	D S G , Topo.
,, 20 .	Burma	Bur . .	Forests	Ditto.
,, 21 .	Upper Burma	U Bur. . .	Topographical . . .	Ditto.
,, 22 .	Southern India	Ast I . .	Latitude Observations .	D. S. G., Trig.
,, 23 .	. . . . .	Ast II . .	. . . . .	Ditto.
,, 24 .	Upper Burma	U Bur. . .	Triangulation . . .	Ditto.
,, 25 .	Indian	Tidal . .	Tide Registering and Levelling.	Ditto.

Disposition List of Officers of the Survey of India Department, attached to the Head Quarters Offices at Calcutta and the Trigonometrical Branch Office at Dehra, 1st January 1889.

Name of Office.	Administrative Officers.	Officers of the Senior Division.	Officers of the Junior Division.	Class.	Grade.	Date of appointment.	Detail of superintendence and remarks.
Surveyor-General of India	Colonel H. R. Thuillier, R.E.					Feb. 19, '87	Direction of all Offices and Superintendence of—
Deputy Surveyor-General, in charge Topographical Branch.						Ditto	No. 15 Party (Baluchistan). No. 17 Party (Bombay Forests). No. 19 Party (Madras). No. 20 Party (Burma). No. 21 Party (Upper Burma).
Personal Assistant. (Offices, Calcutta and Simla.)		Lieut. G. B. Hodgson, S.C.		A. Sup.	1st	Sep. 8, 85	Offg. Dy. Supdt., 4th grade.
Deputy Surveyor General, in charge Revenue Branch.	Col. J. Sconce, S.C.					Jan. 1, '79	Superintendence of— No. 1 Party (Punjab). No. 2 Party (Bilaspur). No. 3 Party (Nagpur). No. 4 Party (Eastern Beng.) No. 4A (Srinagar). No. 5 Party (Jhansi). No. 6 Party (Assam). No. 7 Party (Thongwa.) No. 8 Party (Bengal and Orissa). No. 9 Party (Chanda). No. 10 Party (Bombay). No. 11 Party (Nimar). No. 12 Party (Saugor). No. 13 Party (Betul).
Office, Calcutta.							

Disposition List of Officers of the Survey of India Department, attached to the Head Quarters Offices at Calcutta and the Trigonometrical Branch Office at Dehra, 1st January 1889—continued.

Name of Office.	Administrative Officers.	Officers of the Senior Division.	Officers of the Junior Division.	Class.	Grade.	Date of appointment.	Details of superintendence and remarks.
Deputy Surveyor General, in charge Trigonometrical Branch.	Major-General C. T. Haig, R.E., on furlough.	. . .	. . . .	. .	. .	Feb. 19, '87	Superintendence of Offices at Dehra and of—
	Lt.-Col. G. Strahan, R. E., Officiating.	. . .	. . . .	. .	. .	Nov. 15, 88	No. 14 Party (Heshungaoud).
							No. 18 Party (Himalaya).
							No. 22 Party (Ast. I).
							No. 23 Party (Ast. II).
							No. 24 Party (Upper Burma).
							No. 25 Party (Tidal & Levelling).
Doing duty . .	. . . .	Bt. Lt.-Col. T. H. Holdich, R.E.	. . . .	D. Sup.	3rd	Apl. 14, 88	Offg. 2nd grade, in charge Drawing Section.
		Captain R. A. Wahab, R. E.	. . . .	D. Sup.	4th	Nov. 23, 88	Offg. Dy. Supdt., 3rd grade.
		Lt. S. G. Burrard, R.E.	. . . .	A. Sup.	1st	Apl. 10, 88	Offg. Dy Supdt., 4th grade. In charge Computing.
			C. Wood . .	S.	1st	May 1, 65	Computing.
			G. W. E. Atkinson	S.	1st	Sep. 1, 70	Drawing Section.
			H. W. Peychers .	S.	3rd	Sep. 1, 71	Computing.
			N. C. Gwynne .	S.	3rd	Oct. 1, 86	Drawing Section.
			C. H. McA'Fee. .	S.	3rd	Feb. 1, 85	Ditto.
			T. H. Rendell .	S.	4th	Aug. 1, 86	Ditto.
			E. A. Wainright .	S.	4th	Oct. 2, 88	Ditto.
			W. J. Cornelius .	S.	4th	Oct. 1, 87	Ditto.
			A. Kitchen . .	A. S.	1st	Oct. 1, 88	Ditto.
Offices, Dehra and Mussoorie.			Yusuf Sharif, Khan Bahadur.	A. S.	3rd	June 18, 88	Ditto.
Assistant Surveyor-General, Drawing and Engraving Offices.	Major C. Strahan, R.E.	. . .	. . . .	D. Sup.	Offg. 1st	May 22, '84	
			G. A. McGill .	S.	1st	Dec. 20, 82	
						June 2, 84	Date of appointment as Chief Draftsman.
			A. J. Wilson .	S.	1st	Mar. 26, 88	
			S. M. Smylie .	S.	1st	Nov. 24, 88	
			E. S. P. Atkinson .	S.	2nd	June 14, 88	
			F. Adams . .	S.	2nd	June 1, 77	
			A. J. James . .	S.	4th	Nov. 11, 88	
			W. Stotesbury .	S.	4th	June 24, 84	
						Sep. 1, 84	Date of appointment as Draftsman.
			P. J. W. Doran .	A. S.	1st	Oct. 25, 83	
						Jan. 1, 85	Date of appointment as Draftsman.
			H. T. Kitchen .	A. S.	1st	Nov. 26, 88	
Office, Calcutta.			S. O. Madras .	A. S.	1st	May 7, 84	
			E. J. Martin .	A. S.	1st	Dec. 1, 82	

Disposition List of Officers of the Survey of India Department, attached to the Head Quarters Offices at Calcutta and the Trigonometrical Branch Office at Dehra, 1st January 1889—concluded.

Name of Office.	Administrative Officers.	Officers of the Senior Division.	Officers of the Junior Division.	Class.	Grade.	Date of appointment.	Details of superintendence and remarks.
Assistant Surveyor-General, Surveyor-General's Office, and Mathematical Instrument Office.	Col. D. Macdonald, R.C.	. . .	. . . .	D. Sup.	1st	Sep. 26, '87	
	. . . .	Lt.-Col. A. W. Baird, R.E.	. . . .	D. Sup.	Offg. 2nd	Jan. 1, 89	
Doing duty.	. . . .	Lt. W. H. Pollen, R.E.	. . . .	A. Sup.	1st	Dec. 25, 88	Offg. Deputy Superintendent 4th grade.
Offices, Calcutta.							
Assistant Surveyor-General, Lithographic and Photographic Offices.	Lt.-Col. J. Waterhouse, R.C.	. . .	. . . .	D. Sup.	Offg. 2nd	Dec. 1, '66 Dec. 17, 86	
		T. A. Pope .	. . . .	A. Sup.	Offg. 1st.	Oct. 14, 86	
Office, Calcutta.							
Assistant Survey-General. Map Record and Issue Office.	Maj. C. Strahan, R.E.	. . .	. . . .	D. Sup.	Offg. 1st.	Nov. 4 '87	
			B. M. Wilson .	A. S.	2nd	Nov. 1, 82	
Office, Calcutta.							

Disposition List of Officers of the Survey of India

No. of Party.	Locale and nature of operations.	Administrative Superintendent. D. S. G.	Officers of the Senior and Junior Divisions.	Class.	Grade.	Date of appointment to Party.
1	Punjab (Traverse.)	Rev.	J. S. Pemberton	S.	1st	Oct. 21, '85
			G. Campbell	A. S.	1st	Sep. 21, 82
			W. H. D. Ewing	A. S.	2nd	Dec. 1, 87
			F. P. Walsh	A. S.	3rd	Mar. 4, 86
			F. S. Bell.	A. S.	3rd	Sep. 24, 86
	Recess quarters, Simla					
2	Bilaspur (Cadastral.)	Rev.	Lt.-Col. E. H. Steel, s. c.	D. Sup.	4th	Nov. 24, '87
			F. Grant	S.	1st	Nov. 1, 79
			J. McHatton	A. S.	1st	Jan. 1, 80
			P. C. H. Smart	A. S.	1st	Oct. 1, 85
			F. W. Moore	A. S.	2nd	Oct. 1, 85
	Recess quarters, Mussoorie.		Professional Establishment (Permanent)			
			Cadastral ditto (Temporary)			
3	Nagpur (Traverse.)	Rev.	Col. W. H. Wilkins, s.c.	D. Sup.	2nd	Nov. 4, '85
			Lt. J. M. Fleming, s.c.	A. Sup.	1st	Nov. 13, 88
			W. S. Buttress	S.	2nd	Oct. 1, 85
			G. Vander Beek	A. S.	1st	Nov. 1, 85
			O. D. Smart	A. S.	2nd	Feb. 20, 88
			W. J. Baker	A. S.	3rd	Jan. 25, 88
	Recess quarters, Mussoorie.					
4	Eastern Bengal (Cadastral.)	Rev.	Lt.-Col. S. H. Cowan, s.c.	D. Sup.	3rd	Dec. 11, '83
			H. T. Hanby	S.	3rd	May 1, 70
			W. C. Price	S.	3rd	Oct. 1, 80
			L. F. Berkeley	A. S.	1st	Aug. 16, 75
			R. F. Warwick	A. S.	2nd	Nov. 1, 85
			W. E. Johnson	A. S.	2nd	Aug. 18, 84
	Chittagong Detachment (Cadastral.)		W. J. O'Sullivan	S.	3rd	Nov. 1, 88
			C. G. Lee	A. S.	3rd	Nov. 1, 88
	Recess quarters,		Professional Establishment (Permanent)			
			Cadastral ditto (Temporary)			

Department, attached to Field Parties, 1st January 1889.

Subordinate Establishment.					Annual Cost of Party.	Remarks.
Sub-Surveyors and Computers.	Writers.	Flagmen and Carriers.	Hospital Assistant	Burkundazes and Peons.		
. . .	. . .	. . .	. . .	. . .	. . . .	In temporary charge.
30	1	300	1	12	68,200	
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. 3rd grade
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. Surveyor, 4th grade
15	1	175	1	20	1,16,900	
96	. . .	464	. . .	. . .		
32	2	250	1	8	76,900	
19	1	218	1	17	1,79,400	
420	. . .	515	. . .	. . .		

Disposition List of Officers of the Survey of India Department,

No. of Party.	Locale and nature of operations	Administrative Superintendent. D. S. G.	Officers of the Senior and Junior Divisions.	Class.	Grade.	Date of appointment to Party.
A	Srinagar (Cadastral.)	Rev.	G. B Scott	A. Sup.	1st	Nov 28, '87
			T. Shaw	A. S.	1st	Nov. 1, 88
			E. F Berkeley	A. S.	2nd	Oct 1, 87
			J. P. Barker	A. S.	2nd	Nov. 1, 88
			F B Powell	A. S.	3rd	Dec. 20, 87
	Recess quarters, Monghyr		Professional Establishment (Permanent)			
			Cadastral ditto (Temporary)			
5	Jhansi (Cadastral)	Rev.	Lt.-Col J E. Sandeman, s.c.	D Sup	2nd	Nov. 1, '83
			T. F Freeman	A. S.	1st	Oct. 1, 76
			J. Murphy	A. S	1st	July 2, 83
			A. W. Smart	A. S.	1st	Oct. 1, 85
			N. Bedford	A S.	2nd	Jan. 10, 84
			W. V. Skilling	A. S.	2nd	Oct. 1, 85
			J. H. Murphy	A. S.	3rd	Nov. 1, 87
	Recess quarters, Naini Tal		Professional Establishment (Permanent)			
			Cadastral ditto (Temporary)			
	Assam (Cadastral)	Rev	E. C. Barrett	D. Sup	4th	July 25, '83
			J. H O'Donel	S.	3rd	Oct. 29, 83
			J Connor	S.	4th	Oct. 29, 83
			M. Gastaud	A S.	2nd	Oct. 1, 86
			J Smith	A S.	2nd	Nov 1, 84
	Recess quarters, Shillong		Professional Establishment (Permanent)			
			Cadastral ditto (Temporary)			

attached to Field Parties, 1st January 1889—continued.

Subordinate Establishment.					Annual Cost of Party	Remarks.
Sub-Surveyor and Computers	Writers.	Flagmen and Carriers.	Hospital Assistant	Burkundazes and Peons.		
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. Depy. Supdt, 4th grade.
5	1	80	1	5	90,500	
30	1	147	. . .	. . .		
19	2	140	1	19	1,60,000	
260	. . .	650	. . .	. . .		
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. 3rd grade.
22		137	1	8	99,800	
160	. . .	225	. . .	. . .		

Disposition List of Officers of the Survey of India Department,

No. of Party.	Locale and nature of operations.	Administrative Superintendent. D. S. G.	Officers of the Senior and Junior Divisions.	Class.	Grade.	Date of appointment to Party.
7	Thongwa (Cadastral.)	Rev.	F. W. Kelly	A. Sup.	1st	Sep. 6, '87
			H. R. Littlewood	S.	2nd	Oct. 21, 85
			G. W. Jarbo	S.	4th	Nov. 1, 80
			J. S. Swiney	A. S.	1st	Apl. 14, 82
			P. Beechey	A. S.	2nd	Nov. 1, 86
			J. A. T. Haddock	A. S.	3rd	Nov. 26, 87
	Recess quarters, Rangoon.		Professional Establishment (Permanent)			
			Cadastral ditto (Temporary)			
	Bengal and Orissa (Cadastral.)	Rev.	Col. W. Barron, s.c.	D. Sup.	2nd	Nov. 16, '85 / Aug. 30, 87
			D. Atkinson	S.	1st	Dec. 1, 86
			R. B. Smart	S.	4th	Nov. 1, 81
			R. C. D. Ewing	A. S.	1st	Sep. 12, 87
			C. S. Kraal	A. S.	1st	Nov. 15, 88
			J. A. Higgs	A. S.	2nd	Nov. 19, 88
			A. B. Smart	A. S.	3rd	Oct. 1, 85
			C. S. Gasper	A. S.	3rd	Mar. 2, 88
	Recess quarters, Calcutta.		Professional Establishment (Permanent)			
			Cadastral ditto (Temporary)			
9	Chanda (Traverse.)	Rev.	G. H. Cooke	D. Sup.	4th	Oct. 26, '85
			J. Todd	S.	2nd	Oct. 1, 85
			H. Dowman	S.	3rd	Nov. 1, 85
			A. George	A. S.	2nd	Nov. 1, 86
			A. Ewing	A. S.	2nd	Nov. 1, 85
	Recess quarters, Jubbulpore	. .	. . . . .	. . .	. .	. . . .
10	Bombay (Topo.)	Rev.	Lt.-Col. H. S. Hutchinson, s.c.	D. Sup.	4th	Oct. 22, '87
			W. Todd	S.	2nd	Oct. 1, 88
			C. Tapsell	S.	4th	Mar. 1, 88
			G. D. Cusson	A. S.	1st	Oct. 1, 88
			W. M. Kelly	A. S.	1st	Nov. 1, 79
			G. A. Knight	A. S.	1st	Oct. 1, 88
			R. R. Dickinson	A. S.	1st	May 1, 86
	Recess quarters, Poona	. .	. . . . .	. . .	. .	. . . .

attached to Field Parties, 1st January 1889—continued.

Subordinate Establishment.					Annual Cost of Party.	Remarks.
Sub-Surveyors and Computers.	Writers.	Flagmen and Carriers.	Hospital Assistant.	Burkundazes and Peons.		
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. Dy. Supdt., 4th grade.
25	1	149	1	18	1,70,700	
158	1	280	. . .	. . .		
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. 1st grade.
20	1	200	1	16	1,91,300	
170	. . .	450	. . .	. . .		
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. 3rd grade.
35	1	330	1	14	72,100	
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. 3rd grade.
19	1	190	1	12	74,000	

Disposition List of Officers of the Survey of India Department,

No. of Party.	Locale and nature of operations.	Administrative Superintendent. D. S. G.	Officers of the Senior and Junior Divisions.	Class.	Grade.	Date of appointment to Party.
	Nimar (Traverse.)	Rev.	W. H. Patterson	A. Sup.	1st	Sep. 1, '88
			W. A. Wilson	S.	2nd	Oct. 1, 86
			J. Newland	S.	4th	Aug. 1, 88
			P. White	A. S.	1st	Oct. 1, 83
			C. George	A. S.	2nd	Oct. 1, 85
	Recess quarters, Poona					
12	Saugor (Traverse.)	Rev.	E. J. Jackson	D. Sup.	4th	Oct. 29, '86
			D. A. King	S.	4th	Dec. 20, 88
			H. A. Charrier	A. S.	3rd	Oct. 1, 84
	Balaghat Detachment (Traverse).		E. G. Little	S.	3rd	Nov. 1, 88
			G. T. Hall	A. S.	1st	Nov. 1, 88
	Recess quarters, Saugor					
13	Betul (Traverse.)	Rev.	A. D'Souza	A. Sup.	1st	Apl. 11, '86
			A. J. Gibson	S.	2nd	Nov. 1, 87
			C. W. Wilson	A. S.	1st	Dec. 1, 87
			C. W. F. Seyers	A. S.	1st	Nov. 1, 85
			T. W. Babonau, Jr.	A. S.	2nd	May 1, 87
			C. H. G. Johnson	A. S.	3rd	Nov. 12, 88
	Recess quarters, Poona					
14	Hoshungabad (Forest.)	Trig.	Lt. Col. J. R. Wilmer, s.c.	D. Sup.	3rd	Oct. 23, '88
			L. J. Pocock	S.	3rd	July 1, 85
			A. Christie	S.	3rd	Oct. 1, 87
			D. Campbell	A. S.	1st	Apl. 17, 88
			F. E. Warde	A. S.	3rd	May 1, 87
	Recess quarters, Poona					

attached to Field Parties, 1st January 1889—continued.

Subordinate Establishment.					Annual Cost of Party.	Remarks.
Sub-Surveyors and Computers.	Writers.	Flagmen and Carriers.	Hospital Assistant.	Burkundazes and Peons.		
. . .	. . .	. . .	. . .	. . .	. . . .	Offg Depy. Supdt., 4th grade.
30	1	227	1	13	68,800	
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. 3rd grade.
30	1	324	1	11	68,200	
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. Depy. Supdt., 4th grade.
25	1	250	1	8	66,900	
40	2	305	1	14	62,000	

Disposition List of Officers of the Survey of India Department,

No. of Party.	Locale and nature of operations.	Administrative Superintendent. D. S. G.	Officers of the Senior and Junior Divisions.	Class.	Grade.	Date of appointment to Party.
15	Baluchistan (Topo.)	Topo.	Bt. Lt. Col. T. H. Holdich, R.E.	D. Sup.	3rd	Nov. 3, '88
			Lt. R. H. L. Mackenzie, R.E.	A. Sup.	2nd	Oct. 1, 88
			W. W. McNair	S.	3rd	Oct. 1, 88
			T. E. M. Claudius	S.	4th	Oct. 1, 83
			W. C. G. Barckley	A. S.	1st	Oct. 1, 85
			E. Graham	A. S.	1st	Oct. 1, 88
			G. P. Tate	A. S.	1st	Oct. 1, 88
			Rai Hira Sing Bahadur	A. S.	3rd	Feb. 15, 88
	Recess quarters, Mussoorie.	. .	. . . . .	. . .	. .	. . . .
17	Bombay Forests (Topo.)	Topo.	Col. A. Pullan, s.c.	D. Sup.	2nd	Oct. 30, '86
			A. M. Lawson	S.	2nd	Oct. 1, 88
			S. F. Norman	A. S.	1st	Sep. 1, 74
			C. Norman	A. S.	1st	Oct. 12, 74
			P. J. Serrao	A. S	2nd	Oct. 1, 84
	Recess quarters, Poona	. .	. . . . .	. . .	. .	. . . .
18	Himalaya (Topo.)	Trig.	Col. H. C. B. Tanner, Bom. s.c.	D. Sup.	2nd	Aug. 19, '86
			C. D. Potter	S.	4th	Nov. 1, 87
			W. Robert	A. S.	1st	Sep. 1, 78
			W. A. Fielding	A. S.	1st	Oct. 1, 87
			P. F. Prunty	A. S.	1st	Sep. 1, 86
	Recess quarters, Simla	. .	. . . . .	. . .	. .	. . . .
19	Madras Forests (Topo.)	Topo.	Major J. R. McCullagh, R.E.	D. Sup.	3rd	June 21, '88
			C. F. Hamer	S.	3rd	Nov. 1, 87
			Hugh Todd	S.	4th	Oct. 1, 76
			R. Todd	A. S.	1st	Oct. 1, 84
			R. W. Senior	A. S.	2nd	Oct. 1, 87
			T. J. J. Mills	A. S.	2nd	Oct. 1, 84
	Recess quarters, Ootacamund.	. .	. . . . .	. . .	. .	. . . .

attached to Field Parties, 1st January 1889—continued.

Subordinate Establishment.					Annual Cost of Party.	Remarks.
Sub-Surveyors and Computors.	Writers.	Flagmen and Carriers.	Hospital Assistant	Burkundazes and Peons		
. . .	. . .	. .	. . .	. . .	. . . .	Offg Depy Supdt, 2nd grade.
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. 1st grade.
6	1	183	1	6	92,200	
26	2	137	1	12	76,400	
28	1	160	1	8	66 000	
22	1	208	1	27	67,200	

Disposition List of Officers of the Survey of India Department,

No. of Party	Locale and nature of operations.	Administrative Superintendent. D.S. G.	Officers of the Senior and Junior Divisions.	Class.	Grade.	Date of appointment to Party.
20	Burma (Topo.)	Topo.	Lt.-Col. R. Beavan, s.c.	D. Sup.	4th	Dec. 20, '88
			J. A. Barker	S.	4th	Dec. 1, 87
			J. H. Wilson	A. S.	1st	Nov. 1, 77
			C. P. Torrens	A. S.	1st	Nov. 1, 82
			W. H. Penrose	A. S.	1st	Apl. 1, 87
	Recess quarters, Rangoon					
21	Upper Burma (Geogl.)	Topo.	Bt.-Major J. R. Hobday, s.c.	D. Sup.	4th	Mar. 20, '86
			Capt. H. M. Jackson, R.E.	A. Sup.	1st	Nov. 1, 88
			Lt. T. F. B. Renny-Tailyour, R.E.	A Sup.	2nd	Apl. 1, 88
			M. J. Ogle	S.	2nd	Nov. 1, 88
			A. G. Wyatt	S.	2nd	Jan. 1, 87
			F. Kitchen	S.	4th	Oct. 1, 86
			J. M Kennedy	A. S.	1st	June 14, 86
	Recess quarters, Rangoon					
22	Southern India (Astronomical I)	Trig.	J. Eccles, M.A.	A. Sup.	1st	Nov. 1, '88
	Recess quarters, Mussoorie					
23	Southern India (Astronomical II).	Trig.	J. Eccles, M.A.	A. Sup.	1st	Nov. 1, '88
	Recess quarters, Mussoorie.					

attached to Field Parties, 1st January 1889—continued.

Subordinate Establishment.					Annual Cost of Party.	Remarks.
Sub-Surveyors and Computers.	Writers.	Flagmen and Carriers.	Hospital Assistant.	Burkundazes and Peons.		
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. 3rd grade.
21	2	521	2	11	1,01,900	
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. 3rd grade.
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. Depy. Supdt., 4th grade.
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. 1st grade.
9	1	136	. . .	2	91,900	
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. Depy. Supdt., 4th grade.
1	1	20	1	...	20,000	
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. Depy. Supdt., 4th grade.
...	1	20	...	...	30,500	

Disposition List of Officers of the Survey of India Department,

No. of Party.	Locale and nature of operations.	Administrative Superintendent. D. S. G.	Officers of the Senior and Junior Divisions.	Class.	Grade.	Date of appointment to Party.
24	Upper Burma (Triangulation).	Trig.	E. C. Ryall	A. Sup.	1st	Oct. 6, '85
			J. Hickie	A. S.	1st	Oct. 1, 88
			J. Keating	A. S.	1st	Oct 1. 88
			B R. Hughes	A. S.	2nd	Oct. 1, 88
	Recess quarters, Mussoorie.	. .	. . . . .	. . .	. .	. . . .
25	India, &c. (Tidal and Levelling).	Trig.	Lt.-Col. M. W. Rogers, R.E.	D. Sup.	3rd	Apl. 10, '88
			G. Belcham	S.	3rd	Sep. 1, 79
			E. J. Connor	S.	4th	Dec. 1, 77
			J Bond	S.	4th	June 1, 88
	Recess quarters, Poona	. .	. . . . .	. . .	. .	. . . .

attached to Field Parties, 1st January 1889—concluded.

Subordinate Establishment.					Annual Cost of Party.	Remarks.
Sub-Surveyors and Computers.	Writers.	Flagmen and Carriers	Hospital Assistant.	Burkundazes and Peons.		
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. Depy. Supdt., 4th grade.
2	1	89	1	91	56,000	
. . .	. . .	. . .	. . .	. . .	. . . .	Offg. 2nd grade.
18	1	35		10	52,100	

Disposition List of Officers of the Survey of India Department temporarily transferred to other Departments, or on furlough, &c., 1st January 1889.

Officers of the Senior Division.	Officers of the Junior Division.	Class.	Grade.	Province to which transferred.	Remarks.
		On Deputation.			
Major St. G. C. Gore, R.E.	. . . .	D. Sup.	4th	. . . .	Employed on Mily. duty in Europe.
	T. H. Dunne .	S.	4th	Central Provinces .	On deputation.
	J. R. Scott .	A. S.	1st	Ditto . .	Ditto.
	G. C. Swiney .	A. S.	1st	Ditto . .	Ditto.
	G. E. Parker .	A. S.	1st	Ditto . .	Ditto.
	E. P. S. Hill .	A. S.	1st	Ditto . .	Ditto.
	P. A. Peters .	A. S.	1st	Straits Settlements	Ditto.
		On Furlough, &c.			
Maj.-Genl. C. T. Haig, R.E.	. . . .	D. S. G.	...	. . . .	For 1 year and 4 days, from 1st December 1888.
Col. F. Coddington, S.C. .	. . . .	D. Sup.	1st	. . . .	For 1 year, from 16th November 1888.
Lt.-Col. D. C. Andrew, S.C.	. . . .	D. Sup.	2nd	. . . .	For 1 year 243 days, from 4th September 1888.
Col. W. F. Badgley, S.C. .	. . . .	D. Sup.	2nd	. . . .	For 1 year, from 29th June 1888.
Major J. Hill, R.E. . .	. . . .	D. Sup.	3rd	. . . .	For 1 year and 5 months, from 18th May 1888.
H. Horst	. . . .	D. Sup.	3rd	. . . .	For 18 months, from 1st December 1887.
W. H. Cole, M.A. . .	. . . .	D. Sup.	3rd	. . . .	For 12 months, from 12th January 1888. Extension for 6 weeks.
Col. R. G. Woodthorpe, C.B., R.E.	. . . .	D. Sup.	4th	. . . .	For 4 months, from 10th October 1888.
Capt. F. B. Longe, R.E. .	. . . .	D. Sup.	4th	. . . .	For 18 months, from 16th November 1888.
	H. E. T. Keelan	S.	1st	. . . .	For 1 year, from 12th May 1888.
	J. T. U. Coxen .	A. S.	1st	. . . .	For 1 year, from 12th November 1888.
	C. G. S. Wood .	A. S.	3rd	. . . .	Extraordinary leave without allowance for 20 months, from 12th May 1886. Extension for 9 months. Further extension for 12 months.

GEOLOGICAL SURVEY OF INDIA.

Classified List of Officers of the Geological

Number sanctioned.	Number existing in each grade.	Names of Officers, and name of substantive appointment.	Passed in Vernacular.	Age.	Date of first joining the Department.	Date of promotion to the present grade.
				Y. M. D.		
1	1	William King, B.A., D.SC., F.G.S., Director, Geological Survey.	. . . . .	55 5 16	Mar. 4, 1857 .	Apl. 27, 1887 .
		1st Grade—R800—50—1,100.				
4	1	R. Bruce Foote, F.G.S., Superintendent, Geological Survey.	. . . . .	54 3 9	Sept. 28, 1858 .	June 14, 1881 .
	2	F. R. Mallet, F.G.S., F.C.S., F.I.C., Superintendent, Geological Survey.	Oct. 5, 1868 .	47 10 19	Feb. 12, 1859 .	Apl. 11, 1883 .
	3	Theo. W. H. Hughes, C.E., A.R.S.M., F.G.S., Superintendent, Geological Survey.	Aug. 3, 1868 .	45 4 30	Nov. 11, 1862 .	Apl. 27, 1887 .
		700—50—1,000.				
	4	C. L. Griesbach, C.I.E., F.G.S., Deputy Superintendent, Geological Survey.	Sept. 15, 1880 .	41 0 21	Nov. 11, 1878 .	July 13, 1888 .
		2nd Grade—R500—40—700.				
5	1	R. D. Oldham, A.R.S.M., F.G.S., Deputy Superintendent, Geological Survey.	Aug. 1, 1881 .	30 5 2	Dec. 17, 1879 .	Apl. 11, 1883 .
	2	P. N. Bose, B.SC., F.G.S., Deputy Superintendent, Geological Survey.	Not required to pass.	33 7 20	July 30, 1880 .	Apl. 1, 1884 .
	3	Tom. D. LaTouche, B.A., Deputy Superintendent, Geological Survey.	June 5, 1882 .	33 2 2	Nov. 29, 1881 .	Apl. 27, 1887 .
	4	E. J. Jones, A.R.S.M., Deputy Superintendent, Geological Survey.	June 2, 1884 .	29 3 26	Dec. 29, 1883 .	July 13, 1888 .
	5	Vacant	. . . . .	. . . .	. . . . .	. . . . .
		3rd Grade—R350—30—500.				
6	1	C. S. Middlemiss, B.A., Assistant Superintendent, Geological Survey.	Oct. 6, 1884 .	29 1 9	Dec. 29, 1883 .	Dec. 29, 1883 .
	2	P. Lake, B.A., Assistant Superintendent, Geological Survey.	July 2, 1888 .	23 8 22	Sept. 27, 1887 .	Sept. 27, 1887 .
	3	P. N. Datta, B.SC., F.G.S., Assistant Superintendent, Geological Survey.	Not passed .	30 10 17	June 25, 1888 .	June 25, 1888 .
	...	Vacant, ditto.	. . . . .	. . . .	. . . . .	. . . . .
	...	Ditto ditto.	. . . . .	. . . .	. . . . .	. . . . .
	...	Ditto ditto.	. . . . .	. . . .	. . . . .	. . . . .
		Separately graded.				
		R500 rising to R1,000.				
	1	Fritz Noetling, Ph. D., Palæontologist, Geological Survey.	Oct. 1, 1888 .	31 5 15	Feb. 17, 1887 .	Feb. 17, 1887 .
		Non-graded Officers.				
5	1	W. R. Bion, Registrar, Geological Survey	Not required to pass.	36 6 15	Dec. 12, 1870 .	Dec. 31, 1878 .
	2	*Vacant*, Artist, Geological Survey .	Ditto . . .	. . . .	. . . . .	. . . . .
	3	Kishen Singh, Sub-Assistant, Geological Survey.	Ditto . . .	38 10 6	Jan. 7, 1874 .	Apl. 1, 1879 .
	4	Hira Lal, Sub-Asst., Geological Survey .	Ditto . . .	37 5 2	Jan. 7, 1874 .	Apl. 1, 1879 .
	5	T. R. Blyth, Museum Assistant, Geological Survey.	Ditto . . .	29 7	Mar. 1, 1884 .	Mar. 1, 1884 .

Survey of India on the 1st January 1889.

Period of service counting for pension.	Pay of substantive appointment.	Acting allowances.	Conveyance and house allowances.	Total pay and allowances.	Where employed at present.	Remarks.
Y. M. D.	₹ a. p.	₹ a. p.	₹ a. p.	₹ a. p.		
31 9 28	1,500 0 0	. . . .	. . . .	1,500 0 0	Head Quarters.	
30 3 3	1,100 0 0	. . . .	60 0 0	1,160 0 0	Bellary.	
28 2 27	1,100 0 0	. . . .	50+150 0 0	1,310 0 0	Head Quarters.	
24 7 7	1,100 0 0	. . . .	60 0 0	1,160 0 0	Perak.	
10 1 20	700 0 0	. . . .	30 0 0	730 0 0	On deputation . .	Deputed to Afghanistan.
9 0 15	700 0 0	None . .	30 0 0	730 0 0	Himalayas . . .	Offg. as 1st grade Deputy Superintendent, *vice* Mr. Griesbach.
8 5 2	620 0 0	. . . .	30 0 0	650 0 0	Balaghat.	
7 1 2	540 0 0	. . . .	30 0 0	570 0 0	Cherrapoonjee .	
5 0 3	500 0 0	. . . .	30 0 0	530 0 0	Head Quarters.	
. . . .	. . . .	. . . .	. . . . .	. . . .	. . . . .	
5 0 3	500 0 0	None . .	30 0 0	530 0 0	Kumaun . . .	Officiating as Deputy Supdt., 2nd grade, *vice* Mr. Oldham.
1 3 3	380 0 0	. . . .	None . . .	380 0 0	Malabar.	
0 6 6	350 0 0	. . . .	None . . .	350 0 0	Himalayas.	
. . . .	. . . .	. . . .	. . . . .	. . . .	. . . . .	
. . . .	. . . .	. . . .	. . . . .	. . . .	. . . . .	
. . . .	. . . .	. . . .	. . . . .	. . . .	. . . . .	
1 10 12	540 0 0	. . . .	30 0 0	570 0 0	Burma.	
14 1 4	400 0 0	. . . .	. . . . .	400 0 0	Office.	
. . . .	. . . .	. . . .	. . . . .	. . . .	. . . . .	
13 11 25	200 0 0	. . . .	. . . . .	200 0 0	Balaghat.	
14 11 25	200 0 0	. . . .	. . . . .	200 0 0	Sirguja.	
4 10 0	140 0 0	. . . .	. . . . .	140 0 0	Museum.	

Disposition List of Officers of the Geological

Names of Officers.	Where employed.	Rank and Grade.	Date of first joining the Department.	Strength of Establishment of all Grades.						
				Separately graded.	1st Grade.	2nd Grade.	3rd Grade.	Non-graded Officers.	Office Establishment. Clerks and Draftsmen.	Office Establishment. Pressmen and Servants.
William King, B.A., D.Sc., F.G.S.	Hd. Quarters	Director, Geol. Survey.	Mar. 4, 1857 .	2	4	5	6	5	12	24
1st Grade.										
R. Bruce Foote, F.G.S. .	Bellary .	Supdt., Geol. Survey.	Sept. 28, 1858 .	4 first grade Officers.	...	...	...	...	...	...
F. R. Mallet, F.G.S., F.C.S., F.I.C.	Hd. Quarters	Ditto .	Feb. 12, 1859 .		...	...	...	...	...	...
Theo. W. H. Hughes, C.E., A.R.S.M., F.G.S.	Perak . .	Ditto .	Nov. 11, 1862 .		...	...	...	...	...	...
C. L. Griesbach, C.I.E., F.G.S.	On deputation.	Depy. Supdt., Geol. Survey, 1st grade.	Nov. 11, 1878 .		...	...	...	...	...	...
2nd Grade.										
R. D. Oldham, A.R.S.M., F.G.S.	Himalayas .	Ditto, 2nd grade.	Dec. 17, 1879 .	5 second grade Officers.	...	...	...	...	...	...
P. N. Bose, B.Sc., F.G.S. .	Balaghat .	Ditto .	July 30, 1880 .		...	...	...	...	...	...
Tom D. LaTouche, B.A. .	On deputation.	Ditto .	Nov. 29, 1881 .		...	...	...	...	...	...
E. J. Jones, A.R.S.M. .	Hd. Quarters	Ditto .	Dec. 29, 1883 .		...	...	...	...	...	...
Vacant	. . . .	. . . .	. . . .		...	...	...	...	...	...

Survey of India on the 1st January 1889.

Where employed during last three years.	Annual cost (salary and travelling allowance of Officers and their Subordinates, if any) from April 1887 to March 1888.				Remarks.
		R a. p.	R a. p.		
1885-86. Chhattisgarh 1886-87. Ditto and Office 1887-88. Office and on tour	Salary and fixed allowance Travelling allowance Hospital Assistant's pay, &c.	18,331 8 0 1,647 9 3 46 10 0	20,025 11 3		
1885-86. Bellary 1886-87. Ditto Mysore and Office 1887-88. Bellary	Salary and fixed allowance. Travelling allowance. Hospital Assistant's pay, &c.	11,123 9 11 1,418 11 10 321 11 0	12,864 0 9		
1885-86. Office and furlough. 1886-87. Ditto and ditto 1887-88. Ditto and ditto.	Salary and fixed allowance		5,154 2 8		
1885-86. South Rewah, furlough, and Hyderabad. 1886-87. Hyderabad. 1887-88. Ditto and Perak.					
1885-86. Afghanistan and Office. 886-87. Office 1887-88. Afghanistan.	Salary and fixed allowance		5,431 10 1		Deputed to Afghanistan.
1885-86. Rajputana 1886-87. Ditto, Himalayas and Alwar 1887-88. Himalayas and Rajputana.	Salary and fixed allowance Travelling allowance	8,585 2 3,479 12 3	12,064 14 10		Offg. as 1st grade Deputy Superintendent, *vice* Mr. Griesbach.
1885-86. Chhattisgarh 1886-87. Ditto and Jabalpur 1887-88. Jabalpur	Salary and fixed allowance Travelling allowance Hospital Assistant's pay, &c.	7,496 12 5 2,369 9 0 51 8 0	9,917 13 5		
1885-86. Assam 1886-87. Ditto and Kashmir 1887-88. Kashmir.	Salary and fixed allowance Travelling allowance	3,133 13 11 799 8 10	3,933 6 9		
1885-86. Chhindwara and Burma 1886-87. Burma and Head Quarters 1887-88. Ditto Ditto	Salary and fixed allowance Travelling allowance Burmese Interpreter's pay, &c.	7,455 0 5 2,072 13 3 429 3 2	9,957 0 0		

Disposition List of Officers of the Geological

Names of Officers.	Where employed.	Rank and Grade.	Date of first joining the Department.	Strength of Establishment of all Grades.						
				Separately graded.	1st Grade.	2nd Grade.	3rd Grade.	Non-graded Officers.	Office Establishment. Clerks and Draftsmen.	Office Establishment. Peons and Chaprasis.
3rd Grade.										
C. S. Middlemiss, B A	Kumaun	Asst. Supdt., Geol. Survey.	Dec 29, 1883	6 third grade Officers.	...	...	.	..		...
P. Lake, B.A.	Malabar	Ditto	Sept 27, 1887		...		..	...	..	..
P. N. Datta, B.Sc., F.G S.	Himalayas	Ditto	June 25, 1888			.	..	...	...	...
Vacant	....	Ditto			..			..	.	...
Vacant	....	Ditto			..				...	...
Vacant	....	Ditto	..			...				
Separately graded.										
F. Noetling, Ph. D.	Burma	Palæontologist, Geol Survey.	Feb 17, 1887	.		..		...		...
Non graded Officers.										
W. R. Bion	Office	Registrar, Geol. Survey.	Dec 12, 1870	5 non-graded Officers.			.			.
Vacant	....	Artist, Geol Survey			.	.	.		...	.
Kishen Singh	Balaghat	Sub-Asst, Geol. Survey.	Jan. 7, 1874		.		.		..	...
Hira Lal	Sirguja	Ditto	Jan 7, 1874		...		.		..	...
T. R. Blyth	Museum	Museum Asst., Geol. Survey.	Mar 1, 1884		...	...	...	..	...	...

Survey of India on the 1st January 1889—continued.

Where employed during last three years.	Annual cost (salary and travelling allowance of Officers and their Subordinates, if any) from April 1887 to March 1888.				Remarks.
		R. a. p.	R. a. p.		
1885-86 Kumaun	Salary and fixed allowance .	6,438 1 7			
1886-87. Ditto and Head Quarters .	Travelling allowance . .	1,649 7 6			
1887-88. Ditto			8,087 9 1		Offg. as Depy. Supdt., 2nd grade, *vice* Mr Oldham.
1887-88. Bellary	Salary and fixed allowance .	1,903 11 10			
	Travelling allowance . .	894 8 0			
			2,798 3 10		
1888. Head Quarters and Himalayas	. . . . .	. . . .	. . .		
. . . . .	. . . . .	. . . .	. . .		
. . . . .	. . . . .	. . . .	. . .		
. . . . .	. . . . .	. . . .	. . .		
1887-88. Head Quarters and Burma .	Salary and fixed allowance .	6,497 6 8			
	Travelling allowance . .	700 4 0			
			7,197 10 0		
1885-86. Furlough and Office . .					
1886-87. Office	Salary		4,800 0 0		
1887-88. Do.					
. . . . .	. . . . .	. . . .	. . .		
1885-86. Furlough, Malwa, and Mandla	Salary . .	2,400 0 0			
1886-87. Mandla and Seoni . .	Travelling allowance . .	464 14 0			
1887-88. Chhindwara and Balaghat .	Chaprassi allowance . .	138 13 10			
			3,003 11 10		
1885-86. Chhattisgarh. . . .	Salary . .	2,400 0 0			
1886-87. Ditto	Travelling allowance . .	583 7 3			
1887-88. Ditto and Sirguja . .	Chaprassi allowance . .	126 0 0			
			3,109 7 3		
1885-86 Museum	Salary		1,560 0 0		
1886-87. Ditto					
1887-88. Ditto					

MYSORE REVENUE SURVEY DEPARTMENT.

General List of Officers of the Mysore Revenue

1	2	3	4	5	6	7
Number sanctioned	Number of in each grade	Names of Officers and names of substantive appointments	Passed in the Vernacular	Age	Date of first appointment to the Department.	Date of appointment to the present grade
				Y M D		
1	1	Colonel J P Grant, Superintendent . . .	All have passed in the Vernacular	50 9 0	Nov 1, 1863	Jan 15, 1868
1	1	Lieut Col J Rutherfurd, Depy Superintendent .		46 11 22	Jan 25, 1865	April 8, 1881
2	1	Mr E H Butcher, Assistant Settlement Officer .		52 6 2	Oct. 2, 1865	April 1, 1881
...	2	Mr J P Barker, Assistant ditto ditto .		41 3 2	Dec 22, 1866	Nov. 1, 1886

Disposition List of Officers of the Mysore Revenue

1	2	3	4	5	6	7	8	9
Number of party	Distinguishing letter of Establishment.	Where employed	Strength of Subordinate Establishment in all grades					
			Sub-Surveyors	English Clerks	Karkuns	Learners	Mappers	Peons
1	Supdt	Mysore Province	13	2	57	8	27	10
	Depy. Supdt	Ditto		2	8			5
3	A	Mysore District	32		3	1		2
4	D	Ditto	37		3	1	..	2
5	F	Ditto	35		3	2	..	2
6	H	Bangalore District	35		3	2	..	2
7	E	Kolar District	20		1	...	...	2
8	M	Ditto	20		1	...	...	2
		Total .	192	4	79	14	27	27

Survey Department on the 1st January 1889.

8	9	10	11	12	13	14
Period of service counting for pension.	Military pay and allowances.	Staff pay.	Aggregate pay and allowances.	Civil consolidated salary.	Where employed at present.	Remarks.
Y. M. D.			R a. p.	R a. p.		
...	...	...	1,752 14 0	...	Bangalore.	
...	...	...	1,145 0 0	...	Bangalore.	
23 2 29	...	...	...	895 0 0	Bangalore	Furlough for 9 months, from 1st December 1888.
19 3 2	...	...	...	895 0 0	Malur	Reverted to the Mysore Revenue Survey on the 1st Nov. 1888.

Survey Department on the 1st January 1889.

10	11	12	13	14	15
Actual cost of Party from 1st Jan. to 31st Dec. 1888.	Officer in charge.	No. in General List.	Rank and Grade.	Date of assuming charge.	Remarks.
R a. p.					
57,091 10 6	Col. J. P. Grant . .	1	Superintendent . .	Nov 1, 1863	
23,811 13 4	Lt.-Col. J. Rutherfurd	2	Dy. Superintendent .	July 1, 1865	
14,873 6 6	Mr. H. Ramaswamy Iyungar, . . .	...	Asst. Superintendent .	Nov. 1, 1887	
13,638 15 9	,, D. Sham Rao . .	...	Ditto ditto .	Nov. 3, 1885	
14,755 3 1	,, M. S. Narain Rao .	...	Ditto ditto .	Nov. 1, 1883	
14 196 9 3	,, T. Abdulkarim .	...	Asst. Conservator .	Nov. 1, 1884	
19,360 1 7	,, E. H. Butcher .	3	Asst. Settlement Officer	Jan. 26, 1867	On leave from 1st Dec. 1888. Mr. Barker, Assistant Settlement Officer, who reverted to Mysore Survey from 1st Nov. 1888, and assumed charge of Mr. Butcher's establishment from 1st December 1888.
12,642 1 1	,, D. Appu Rao .	...	Asst. Commissioner .	Aug. 1, 1882	
1,70,369 13 1					

Gradation List of the Covenanted Civilians of the Presidencies of Bengal, Madras, and Bombay, holding Appointments under the Government of India, as it stood on the 1st January 1889.

Presidency attached.	No.	Name.	Date of arrival in India.	Appointment.	Salary per mensem.	Remarks.
		Class I.	1854-55.		R a. p.	R
B.	1	The Hon'ble H. T. Prinsep	7th Dec. '55	Judge of the High Court of Judicature at Fort William	4,166 10 8	
B.	2	The Hon'ble Sir Steuart Colvin Bayley, K.C.S.I., C.I.E.	4th Mar. '56	Lieutenant-Governor of Bengal	8,333 5 4	
B.	3	The Hon'ble L. R. Tottenham	11th July '56	Judge of the High Court of Judicature at Fort William. (*Privilege leave for 2 months, from 16th November 1888.*)	4,166 10 8	
			1855-56.			
B.	4	The Hon'ble W. Macpherson	30th Nov. '56	Judge of the High Court of Judicature at Fort William	3,750 0 0	
N.	5	Sir Frdk. Russel Hogg, C.S.I., K.C.I.E.	12th Feb. '57	Director General of the Post Office of India	3,000 0 0	
N.	6	The Hon'ble Sir Charles Alfred Elliott, LL.B., K.C.S.I.	30th Nov. '56	Ordinary Member of the Governor General's Council	6,400 0 0	
	7	The Hon'ble Sir Auckland Colvin, K.C.M.G., C.I.E.	27th Jan. '58	Lieutenant-Governor of the North-Western Provinces and Chief Commissioner of Oudh	8,333 0 0	
		Class II.	1857-58.			
N.	8	The Hon'ble Sir J. B. Lyall, K.C.S.I.	8th April '58	Lieutenant-Governor of the Punjab and its Dependencies	8,333 0 0	+250+500
P.	9	R. T. Burney (*Barrister-at-Law*)	12th Feb. '58	Judge, Chief Court, Punjab	3,500 0 0	
C. P.	10	A. P. Howell, M.A.	27th Jan. '58	Commissioner, Central Provinces, Nerbudda Division. (Officiating Resident, 1st class, and Resident at Hyderabad)	2,500 0 0	+1,000+1,000
B.	11	Sir C. H. T. Crosthwaite, K.C.S.I.	29th Dec. '57	Chief Commissioner, Burma	5,166 10 8	+500
			1858-59.			
A.	12	D. Fitzpatrick, C.S.I.	29th Jan. '59	Chief Commissioner of Assam	4,166 0 0	
			1860.			
P.	13	J. D. Tremlett, M.A. (*Barrister-at-Law*).	17th Nov. '60	Judge, Chief Court, Punjab	3,500 0 0	
N.	14	Sir L. H. Griffin, K.C.S.I.*	17th Nov. '60	Resident and Agent to Governor General in Central India, 1st class. (*Furlough on medical certificate for 1 year, from 15th April 1888.*)		

* Has applied for permission to retire

GRADATION LIST OF COVENANTED CIVILIANS HOLDING APPOINTMENTS, &c.—*continued.*

Presidency attached.	No.	Name.	Date of arrival in India.	Appointment.	Salary per mensem.	Remarks.
		Class II—*contd.*	1861.		R a. p.	R
N.	15	F. Henvey	31st Oct. '61	Resident, 2nd class, and Resident, Eastern States, Rajputana (Jeypore). (Officiating ditto, 1st class, and Agent, Governor General, Central India, Indore	2,000 0 0	+ 1,333 + 250
B.	16	W. E. Ward, M.A., C.S.I.	29th Nov. '61	Judl. Commissioner, Burma. (*Furlough for 15 months, from 1st November 1887.*)		
B.	17	The Hon'ble H. Beverley, M.A.	31st Oct. '61	Judge of the High Court of Judicature at Fort William	3,750 0 0	
P.	18	B. H. B. Powell	31st Augt. '61	Addl. Judge, Chief Court, Punjab	2,500 0 0	+ 1,000
P.	19	T. W. Smyth, M.A. (*Barrister-at-Law*).	2nd Feb. '62	Judge, Chief Court, Punjab. (*Furlough for 1 year, from 29th April 1887. In extension 6 months. Further extension of 6 months.*)		
N.	20	Sir E. C. Buck, Kt.	2nd Feb. '62	Secretary to Government of India, Revenue and Agricultural Department	4,166 0 0	
B.	21	The Hon'ble J. O'Kinealy	2nd Feb. '62	Judge of the High Court of Judicature at Fort William. (President, Board of Examiners, 10th April 1885)	3,750 0 0	
			1862.			
B.	22	James Westland, C.S.I.	10th Oct. '62	Secretary, Government of India, Department of Finance and Commerce. (*Furlough for 1 year, from 1st January 1889.*)		
B.	23	A. Mackenzie, B.A., C.S.I.	11th Dec. '62	Chief Commissioner, Central Provinces	4,166 0 0	+ 500
N.	24	E. F. T. Atkinson, B.A., C.I.E.	21st Jan. '63	Accountant General, 1st class, Bengal	2,750 0 0	+ 250
C. P.	25	C. W. McMinn, B.A.	21st Jan. '63	Deputy Commissioner, 1st class, Central Provinces. (*Furlough for 9 months, from 6th August 1888*)	1,833 0 0	
N.	26	C. E. R. Girdlestone	29th Jan. '63	Resident, 2nd class, in Nepal. (*Furlough for 9 months, from 10th February 1888*).		
P.	27	T. W. Rawlins	11th Jan. '63	Accountant General, 2nd grade, Madras, and Deputy Commissioner of Paper Currency	2,500 0 0	+ 500
N.	28	A. C. Tupp, B.A.	29th Nov. '62	Accountant General, 1st class, North-Western Provinces, and Deputy Commissioner of Department of Issue of State Paper Currency	2,750 0 0	
			1863.			
B.	29	The Hon'ble Sir David Miller Barbour, K.C.S.I.	20th Dec. '63	Ordinary Member, Governor General's Council	6,400 0 0	
C. P.	30	J. W. Tawney	20th Dec. '63	Deputy Commissioner, 3rd class, Central Provinces, Bhandara	1,333 5 4	
C. P.	31	R. J. Crosthwaite, B.A. (*Barrister-at-Law*).	30th Oct. '63	Judicial Commissioner, Central Provinces. (On deputation)	3,166 0 0	

			1864.					
P.	32	J. Frizelle	20th Dec. '63	Additional Judge, Chief Court, Punjab	2,250	0	0	+1,250
C. P.	33	J. W. Neil	24th Nov. '64	Commissioner, Central Provinces, Nagpur Division. (Officiating Judicial Commissioner)	2,500	0	0	+633
B. B.	34	F. W. R. Fryer (*Barrister-at-Law*)	28th Nov. '64	Financial Commissioner, Burma	3,000	0	0	
C. P.	35	F. Venning	24th Nov. '64	Commissioner, Central Provinces, Nagpur	2,500	0	0	+250
C. P.	36	T. E. Ellison	17th Oct. '64	Deputy Commissioner, 4th class, Central Provinces. (*Furlough for 19 months, from 31st May 1887.*)				
B. B.	37	G. J. S. Hodgkinson, C.S.I.	25th Nov. '64	Commissioner, Pegu Division, Burma	2,500	0	0	+250
			1865.					
B. B.	38	H. St. G. Tucker	3rd Dec. '65	Commissioner, Eastern Division, Upper Burma, Pyinmana (*on privilege leave for 5 weeks*)	2,500	0	0	+250
B.	39	A. P. MacDonnell, C.S.I., M.A.	1st Nov. '65	Secretary to the Government of India, Home Department	4,000	0	0	
		CLASS III.	1867.					
B. B.	40	J. J. D. LaTouche, B.A.	4th Dec. '67	Commissioner, Southern Division, Upper Burma, Minbu	2,500	0	0	+250
A.	41	C. J. Lyall, M.A., LL.D., C.I.E.	4th Dec. '67	Secretary to the Chief Commissioner of Assam. (Officiating Judge, and Commissioner, Assam Valley Districts)	2,000	0	0	+500 + 250
B.	42	D. M. Smeaton, M.A.	22nd Nov. 67	Commissioner, Upper Burma, Central Division. (*Furlough for 6 months, from 7th August 1888*)	2,500	0	0	
C. P.	43	L. Neill	30th Oct. '67	Secretary to the Chief Commissioner, Central Provinces. (Officiating Commissioner, Nerbudda Division)	2,000	0	0	+500 + 250
A.	44	H. Luttman-Johnson	4th Dec. '67	Judge and Commissioner, Assam Valley Districts, Gauhati. (*Furlough for 1 year, from 31st July 1888.*)				
			1868.					
B.	45	T. J. Chichele Plowden	31st Oct. '68	Commissioner, Hyderabad Assigned District	2,750	0	0	+250 T. A
			1869.					
N.	46	E. J. Sinkinson, B.A., LL.D.	13th Nov. '69	Accountant General (class III) (Officiating Secretary, Government of India, Department of Finance and Commerce)	2,250	0	0	+1,166
A.	47	F. C. Daukes	8th Dec. '69	Deputy Commissioner, 1st grade, Assam (Officiating Secretary to Chief Commissioner).	1,833	5	4	
					166	10	8	
					2,000	0	0	
N.	48	R. Logan	23rd Oct. '69	Enrolled Officer, Class II. Officiating Accountant General (Class II), Punjab, and Deputy Commissioner, Paper Currency	1,350	0	0	+766
C. P.	49	J. P. Goodridge	25th Oct. '69	Assistant Commissioner, 1st class. (Settlement Officer, Sambalpur)	800	0	0	+200 + 200
B. B.	50	C. E. Gladstone	13th Nov. '69	Deputy Commissioner, 2nd grade, Burma. (Officiating Commissioner, Eastern Division	1,666	0	0	500 + 250

GRADATION LIST OF COVENANTED CIVILIANS HOLDING APPOINTMENTS, &c.—*continued*.

Presidency Acched.	No.	Name.	Date of arrival in India.	Appointment.	Salary per mensem.			Remarks.
					R	*a.*	*p.*	
		Class III—*contd.*	1870.					
A.	51	R. H. Greaves	19th Jan. '70	District and Sessions Judge, Sylhet, and Sessions Judge, Cachar .	2,000	0	0	
N.	52	S. H. James	31st Oct. '70	Secretary to the Government of India, Legislative Department .	3,500	0	0	
B. B.	53	G. D. Burgess	9th Nov. '70	Commissioner (Mandalay), Northern Division, Upper Burma. (*Furlough for 2 years, from 23rd February 1888*)				
C. P.	54	D. O. Meiklejohn . . .	25th Nov. '70	Judge, Small Cause Court, Jubbulpore. (Officiating Deputy Commissioner, 4th class, Bilaspur)	800	0	0	+ 200 + 200*
B. B.	55	G. L. Weidemann . . .	23rd Nov. '70	Deputy Commissioner, 3rd grade, Burma, Prome. (Officiating Deputy Commissioner, 2nd grade)	1,333	0	0	+ 333
		Class IV.	1871.					
B.	56	S. Jacob	16th Nov. '71	Enrolled Officer, Financial Department (Class II), and Deputy Accountant General, Bengal. (Officiating Accountant General, Class II, Bombay, and Commr. of Paper Currency) . . .	1,450	0	0	+ 700 + 250
C. P.	57	F. C. Anderson . . .	31st Oct. '71	Commissioner of Excise, Inspector-General of Registration and Superintendent of Stamps, Central Provinces. (Officiating Secretary to Chief Commissioner)	1,200	0	0	+ 533
C. P.	58	A. H. L. Fraser, M.A. (*Barrister-at-Law*).	23rd Oct. '71	Junior Secretary to the Chief Commissioner, Central Provinces, and Director of Land Records and Agriculture. (Officiating Commissioner, Chhattisgarh Division)	1,500	0	0	+ 666 + 250
N.	59	A. U. Fanshawe . . .	28th Oct. '71	Post Master General, Bombay, 2nd grade. (Officiating, 1st grade)	1,950	0	0	+ 200
C. P.	60	S. Ismay (*Barrister-at-Law*) .	14th Nov. '71	Assistant Commissioner, 2nd class, Central Provinces. (Officiating Deputy Commissioner, 4th class, Jubbulpore)	700	0	0	+ 200 + 300*
A.	61	H. C. Williams . . .	25th Oct. '71	Deputy Commissioner, 1st grade, Inspector-General of Jails, Superintendent, Stamps and Registration, and Commissioner of Excise, Assam.	1,833	0	0	
			1872.					
A.	62	G. Stevenson, . . .	11th Nov. '72	Deputy Commissioner, 2nd grade, Assam, Sylhet. (Offg., 1st grade)	1,666	0	0	+ 166
B.	63	Sir H. M. Durand, K.C.S.I., C.S.I. (*Barrister-at-Law*).	3rd March '73	Secretary to the Government of India, Foreign Department.	4,000	0	0	
A.	64	J. K. Wight, B.A. . . .	4th Dec. '72	Deputy Commissioner, 2nd grade, Sibsagar, Assam . . .	1,666	10	8	
			1873.					
B.	65	H. M Kisch, M.A. (*Barrister-at-Law*).	24th Oct. '73	Postmaster-General, Bengal, 1st grade	1,750	0	0	+ 200 (H. R.)

B. B.	66	A. R. Birks, B.A. (*Barrister-at-Law*).	29th Oct. '73	Deputy Commissioner, 3rd grade, Burma, Bassein. (Offg., 2nd grade).	1,333 0 0		+ 333
C. P.	67	L. K. Laurie (*Barrister-at-Law*)	27th Oct. '73	Assistant Commissioner, 2nd class, Nagpore. (Officiating Commissioner of Excise, &c.)	700 0 0		+ 333 + 166*
C. P.	68	F. C. Berry, B.A., C.I.E.	21st Oct. '73	Political Agent for the Chhattisgarh Feudatories, Raipur	1,320 0 0†		
A.	69	G. Godfrey	23rd Oct. '73	Deputy Commissioner, 2nd grade, Assam, Lakhimpur, Goalparah	1,600 0 0		
B. B.	70	F. S. Copleston	23rd Oct. '73	Deputy Commissioner, 4th grade, Burma (Supernumerary). (*On furlough for 10 months, from 6th April 1888.*)			
H.	71	R. Obbard, B.A.	27th Dec. '73	Special Assistant Commissioner, Hyderabad Assigned Districts	1,000 0 0		
			1874.				
N.	72	H. S. Barnes	30th Oct. '74	Political Agent, 3rd class, Quetta and Pishin. (Officiating Ditto, 2nd class)	1,200 0 0		+ 180
C. I.	73	F. L. Petre	15th Nov. '74	Political Agent, 3rd class, sub. *pro tem.* (1st Asst. to the Governor General's Agent, Central India)	1,000 0 0		+ 200
B.	74	C. M. W. Brett (*Barrister-at-Law*)	30th Nov. '74	Registrar, High Court, Appellate Side	1,700 0 0		
P.	75	R. G. Thomson	13th Nov. '74	Postmaster General, Punjab, Sindh (Deputy Secretary, Government of India, Department of Finance and Commerce, tempy.)	1,800 0 0		
A.	76	J. Kennedy	23rd Oct. '74	Deputy Commissioner, 3rd grade, Assam, Cachar	1,333 0 0		
B.	77	D. Norton	24th Nov. '74	Deputy Commissioner, 3rd grade, Burma, Rangoon Town	1,333 5 4		
C. P.	78	J. B. Fuller	13th Nov. '75	Commissioner of Settlements and Agriculture, Central Provinces, Nagpur, and Officiating Junior Secretary to Chief Commissioner, Central Provinces	1,800 0 0		
			1875.				
B.	79	H. Farrer	15th Nov. '75	Postmaster General, 1st grade, Madras	1,600 0 0‡		+ 150
N.	80	J. F. Finlay, M.A.	17th Nov. '75	Under-Secretary, Government of India, Department of Finance and Commerce. (*Furlough for 20 months, from 6th April 1888.*)			
B. B.	81	E. S. Symes, C.I.E.	23rd Oct. '75	Chief Secretary to the Chief Commissioner, Burma. (Officiating Commissioner, Central Division)	2,000 0 0		+ 500 + 250
B. B.	82	D. L. M. Mackay	8th Nov. '75	Assistant Commissioner, 1st grade, Rangoon Town, District	1,000 0 0		+ 100
B. B.	83	T. C. Mitchell, M.A.	13th Nov. '75	Asst. Commissioner, 1st grade, Bassein, Burma	1,000 0 0		
A.	84	J. D. Anderson	15th Nov. '75	Assistant Commissioner, 1st grade, Assam. (*Furlough for 2 years, from 26th May 1887.*)			
B. B.	85	J. E. Bridges	16th Nov. '76	Deputy Commissioner, 4th grade, Burma. (*On furlough for 2 years, from 26th May 1888*)			

* Personal allowance.
† Includes Rs. 400, rising to Rs. 700 a month paid from the Revenues of the Feudatory States.
‡ Pay Rs. 1,500, rising to Rs. 1,750 by annual increments of Rs. 50.

GRADATION LIST OF COVENANTED CIVILIANS HOLDING APPOINTMENTS, &c.—*continued.*

Presidency attached.	No.	Name.	Date of arrival in India.	Appointment.	Salary per mensem.			Remarks.
					₹	a.	p.	₹
		Class IV—*contd.*	1876.					
A.	86	R. B. McCabe	30th Nov. '76	Deputy Commissioner, 4th grade, Assam, Darrang Tezpore . .	1,000	0	0	
A.	87	F. St. C. Grimwood, M.A. . .	27th Nov. '76	Assistant Commissioner, 1st grade, Assam, Manipur. (Officiating Deputy Commissioner, 4th grade. Officiating Political Agent, Manipur)	800	0	0	+ 200 + 150 L. allowance.
B. B.	88	A. M. B. Irwin . . .	24th Nov. '76	Deputy Commissioner, 4th grade, Burma, Pegu . . .	1,200	0	0	
		Class V.	1877.					
N.	89	J. P. Hewett	17th Dec. '77	Under-Secretary, Government of India, Home Department .	1,300	0	0	
B. B.	90	H. Adamson, M.A. . . .	17th Dec. '77	Deputy Commissioner, 4th grade, Burma (Settlement Officer, 1st grade), Bassein	1,200	0	0	+ 450
B. B.	91	H. T. White	2nd Jan. '78	Secretary to Chief Commissioner, Burma. (Officiating Chief Secretary)	1,500	0	0	+ 666 10 8
A.	92	H. Z. Darrah, B.A., LL.B. .	24th Oct. '77	Director, Department of Land Records and Agriculture, Assam .	1,000	0	0	+ 250 T. allowance.
B.	93	O. T. Barrow	3rd Dec. '77	Enrolled Officer, Financial Department, Class III. Deputy Accountant General, Bombay. (Officiating ditto, Class II) . .	1,060	0	0	+ 190
B. B.	94	D. J. A. Campbell . . .	24th Nov. '77	Deputy Commissioner, 4th grade, Burma, Kyaukse District. (*Furlough for 2 years, from 22nd November 1888.*)	1,200	0	0	
			1878.					
N.	95	W. L. King, B.A., LL.B. . .	27th Nov. '78	Political Agent, 3rd class, sub. *prd. tem.* (First Assistant to the Governor General's Agent in Central India)	1,000	0	0	+ 250
N.	96	G. R. Irwin	16th Nov. '78	Junior Under-Secretary, Government of India, Foreign Department (sub. *pro tem.*)	1,200	0	0	
B. B.	97	W. T. Hall B.A., LL.D. . .	5th Dec. '78	Director of Land Records and Agriculture, Burma . . .	1,300	0	0	
			1879.					
A.	98	A. Porteous	16th Jan. '79	Assistant Commissioner, 1st grade, Kohima, Naga Hills. (Officiating Deputy Commissioner, 4th grade)	800	0	0	+ 200
A.	99	J. C. Arbuthnot . . .	21st Dec. '79	Assistant Commissioner, 1st grade, North Lakhimpore . .	800	0	0	
A.	100	R. S. Greenshields . . .	9th Dec. '79	Assistant Secretary to Chief Commissioner, Assam . . .	700	0	0	
B.	101	Kavasjee Jamasjee Badshah .	12th Nov. '79	Postmaster General, North-Western Provinces and Oudh (2nd grade). (*Privilege leave for 3 months, from 10th November 1888*) .	1,200	0	0*	

B. B.	102	G. W. Shaw	20th Dec. '79	Deputy Commissioner, 4th grade, Bhamo	1,200	0	0	
B. B.	103	H. L. Eales	30th Oct. '79	Deputy Commissioner, 4th grade, Burma. (*On furlough for 1 year and 6 months, from 17th February 1888.*)				
N.	104	W. R. Lawrence	5th Dec. '79	Under-Secretary, Government of India, Department of Revenue and Agriculture	1,300	0	0	
C. P.	105	H. H. Priest	3rd Dec. '79	Assistant Commissioner, 2nd class (Officiating 1st class), Sambalpur.	700	0	0	+ 100
A.	106	R. R. Pope	1st Nov. '79	Assistant Commissioner, 2nd grade. (*Fulough for 19 months, from 28th April 1888.*)				
			1880.					
A.	107	P. G. Melitus	14th Dec. '80	Assistant Commissioner, 2nd grade (Officiating 1st grade), Jorhat	700	0	0	+ 100
C. P.	108	F. A. Theodore Phillips	11th Nov. '80	Assistant Commissioner, 2nd class, Central Provinces. (*On furlough to Europe for 1 year, from 16th November 1888*)				
B. B.	109	C. G. Bayne	27th Dec. '80	Under-Secretary. Officiating Secretary to Chief Commissioner	1,000	0	0	+ 333
			1881.					
C. P.	110	A. C. Duff	2nd Jan. '82	Assistant Commissioner, 3rd class, Central Provinces. (*On special leave for 6 months, from 24th July 1888.*)				
B.	111	J. C. E. Branson	16th Jan. '82	Assistant Accountant General, Madras. (Officiating Enrolled Officer, Class IV)	500	0	0	+ 333
A.	112	A. F. Steinberg	30th Dec. '81	Assistant Commissioner, 2nd grade, Assam, Dibrugarh. (Officiating 1st grade)	700	0	0	+ 100
			1882.					
B. B.	113	F. C. Gates	18th Dec. '82	Under-Secretary to Chief Commissioner, Burma. (Officiating Deputy Commissioner, 4th grade, Upper Burma)	1,000	0	0	
A.	114	P. H. O'Brien, C.S.	6th Nov. '82	Assistant Commissioner, 3rd grade, Habigang, Sylhet. (*Privilege leare from 17th November 1888.*)				
C. P.	115	L. S. Carey	14th Dec. '82	Settlement Officer, Raipur. (Officiating Assistant Commissioner, 2nd class	600	0	0	+ 100 + 100
B. B.	116	W. G. L. Rice	10th Nov. '82	Assistant Commissioner, 2nd grade, Burma, Magwe. (Officiating Deputy Commissioner, 4th grade)	700	0	0	+ 333
B. B.	117	A. E. Hurry, B.A.	25th Oct. '82	Assistant Commissioner, 2nd grade, Burma, Sandoway. (Officiating Deputy Commissioner, 4th grade)	700	0	0	+ 333
A.	118	A. W. Davis	14th Dec. '82	Assistant Commissioner, 2nd grade, Naga Hills, Kohima. (Officiating ditto, 1st grade)	700	0	0	+ 100
B. B.	119	A. S. Fleming	13th Dec. '82	Assistant Commissioner, 2nd grade, Burma. (Officiating Under-Secretary to Chief Commissioner)	700	0	0	+ 200
B. B.	120	H. P. Todd-Naylor	14th Dec. '82	Assistant Commissioner, 2nd grade, Burma. (Officiating Deputy Commissioner, 4th grade, Tharrawaddy)	700	0	0	+ 333
I.	121	E. G. Colvin	4th Jan. '83	Political Assistant, 3rd class. (Officiating ditto, 1st class, Assistant to Resident in Mysore, Secretary to Chief Commissioner, Coorg.	555	0	0	350 + 266.

Rs. 1,100 rising to Rs. 1,750.

GRADATION LIST OF COVENANTED CIVILIANS HOLDING APPOINTMENTS, &c.—*continued.*

Presidency attached.	No.	Name.	Date of arrival in India.	Appointment.	Salary per mensem.	Remarks.
		Class V—*contd.*	1882.		R a. p.	R
C. P.	122	M. W. Fox Strangways . .	26th Nov. '82	Assistant Commissioner, 3rd class, Jubbulpur, and Officiating Assistant Commissioner, 2nd class, and Settlement Officer .	600 0 0	+200
C. P.	123	A. L. Saunders . . .	27th Nov. '82	Under-Secretary to Chief Commissioner, Central Provinces . .	800 0 0	
C. P.	124	A. S. Womack	5th Dec. '82	Assistant Commissioner, 3rd class, Central Provinces, Raipur. (Officiating, 2nd class)	600 0 0	+100
			1883.			
C. P.	125	T. C. Wilson	26th Nov. '83	Assistant Commissioner, 4th class, Damoh, Central Provinces. (Officiating Assistant Commissioner, 2nd class, and Settlement Officer, 3rd grade)	500 0 0	+200+100
B. B.	126	H. S. Hartnoll	22nd Nov. '83	Assistant Commissioner, 2nd grade, Burma. (Officiating Deputy Commissioner, 4th grade, Minbu)	700 0 0	+200
A.	127	W. Tennon	24th Dec. '83	Assistant Commissioner, 3rd grade, Assam, Hailakandi (Officiating ditto, 2nd grade)	500 0 0	+200
B. B.	128	A. T. A. Shaw	13th Dec. '83	Assistant Commissioner, 3rd grade, Kyaukpyu. (Officiating Deputy Commissioner)	600 0 0	+266
			1884.			
B. B.	129	N. G. Cholmeley, B.A. . .	22nd Dec. '84	Assistant Commissioner, 3rd grade, Yamethin. (Officiating Deputy Commissioner, 4th grade)	600 0 0	+266
A.	130	J. L. Herald	24th Dec. '83	Assistant Commissioner, 3rd grade, South Sylhet (Officiating, 2nd grade)	500 0 0	+200
C. P.	131	R. H. Craddock . . .	1st Dec. '84	Assistant Commissioner, 4th class, Central Provinces. (Officiating Assistant Commissioner, 3rd class, and Assistant to the Commissioner of Settlements and Agriculture)	500 0 0	+100+100
A.	132	E. A. Gait	11th Dec. '84	Assistant Commissioner, 3rd grade, Assam, Mangaldai. (Officiating, 2nd grade)	500 0 0	+200
B. B.	133	D. H. R. Twomey . . .	22nd Dec. '84	Assistant Commissioner, 3rd grade, Rangoon. (Officiating Under-Secretary to Chief Commissioner, Burma	600 0 0	+266
C. P.	134	H. A. Crump	10th Nov. '85	Assistant Commissioner, 4th Class, Central Provinces, Jubbulpur. (Officiating Assistant Commissioner, 3rd class) . .	500 0 0	+100
B.	135	H. R. H. Coxe . . .	1st Nov. '84	Assistant Commissioner, 3rd grade, Burmah. (Officiating Under-Secretary to Chief Commissioner, Burma)	600 0 0	+266
A.	136	F. C. Harrison	27th Nov. '84	Assistant Commissioner, 3rd grade, Dhubri, Assam . . .	500 0 0	

			1885.				
A.	137	G. Gordon	4th Dec. '85	Assistant Commissioner, 3rd grade, Assam, Kamrup. (Officiating, 2nd grade)	500 0 0		+ 200
C. P.	138	J. A. C. Skinner	28th Oct. '85	Assistant Commissioner, 4th class, Nagpur. (Officiating, 3rd class. Registrar, Judicial Commissioner's Court)	500 0 0		+ 100 + 100
C. P.	139	H. V. Drake-Brockman, B.A., LL.B.	10th Dec. '86	Assistant Commissioner, 4th class, Central Provinces, Saugor	450 0 0		
B. B.	140	D. Wilson, M.A.	4th Feb. '86	Assistant Commissioner, 4th grade, Burma, Thaton. (Officiating, 2nd grade)	500 0 0		200
A.	141	W. H. Cossins	20th Jan. '86	Assistant Commissioner, 3rd grade, Assam, Sylhet (Karimganj) (Officiating, 2nd grade)	500 0 0		+ 200
B. B.	142	A. Thomson	21st Dec. '85	Assistant Commissioner, 4th grade. (*On leave, on medical certificate, for 1 year, from 26th April 1888.*)			
			1886.				
A.	143	H. LeMesurier	9th Nov. '86	Assistant Commissioner, 3rd grade, Sylhet (Assam)	500 0 0		
	144	J. M. T. George	...	Assistant Commissioner, 4th grade, Pegu	400 0 0		
B. B.	145	E. C. S. George	7th Mar. '87	Assistant Commissioner, 4th grade, Burma, Pegu	475 0 0		
			1887.				
C. P.	146	H. M. Laurie, B.A., (*Barrister-at-Law.*)	3rd Dec. '87	Assistant Commissioner, 4th class, Nagpur, Central Provinces	400 0 0		
C. P.	147	H. O'Beirne	10th Dec. '87	Assistant Commissioner, 4th class Jubbulpur, Ditto	400 0 0		
B. B.	148	C. C. Lowis	9th Jan. '88	Assistant Commissioner, 4th grade, Burma, Rangoon	400 0 0		
C. P.	149	C. W. Edmonstone Montgomery	7th Dec. '87	Assistant Commissioner, 4th class, Centl. Provinces, Hoshangabad	400 0 0		
C. P.	150	F. G. Sly	16th Dec. '87	Assistant Commissioner, 4th class, Centl. Provinces, Sambalpur	400 0 0		
C. P.	151	C. R. Cleveland	5th Dec. '87	Assistant Commissioner, 4th class, Centl. Provinces, Raipur	400 0 0		
	152	E. A. De Brett	...	Assistant Commissioner, 4th class, Wardha	400 0 0		
B.	153	H. G. W. Herron	27th Dec. '87	Assistant Commissioner, 4th grade, Burma, Rangoon	450 0 0		
A.	154	F. C. Henniker	6th Dec. '87	Assistant Commissioner, 3rd grade, Assam, Sibsagar	400 0 0		
			1888.				
B. B.	155	W. H. Dawson	18th Oct. '88	Assistant Commissioner, 4th grade, Burma, Thayetmyo	450 0 0		
B. B.	156	B. P. Standen	18th Oct. '88	Assistant Commissioner, 4th grade, Burma, Tharrawaddy.			
B. B.	157	R. C. M. Symes	12th Dec. '88	Assistant Commissioner, 4th grade, Burma, Bassein.			
			MADRAS.				
	1	The Hon'ble Philip Perceval Hutchins, (*Barrister-at-Law*), C.S.I.	27th Feb. '58	Ordinary Member of the Council of the Governor General of India	6,400 0 0		
	2	H. F. Clogstoun	25th Nov. '64	Accountant General and Commissioner of the Department of Issue of State Paper Currency, Madras, 2nd class. (*On furlough to Europe for 18 months, from 19th April 1888.*)			

GRADATION LIST OF COVENANTED CIVILIANS HOLDING APPOINTMENTS, &c.—*concluded.*

Presidency Attached.	No.	Name.	Date of arrival in India.	Appointment.	Salary per mensem.	Remarks.
			MADRAS.		*R* a. p.	*R*
	3	G. S. Forbes, M.A.	16th Oct. '72	Political Agent, 2nd class, and First Assistant and Secretary for Berar to the Resident at Hyderabad	1,166 10 8	+ 330 + 250
	4	A. H. T. Martindale	10th Nov. '75	Political Agent, 3rd class. (Officiating Political Agent, 2nd class, First Assistant to the Governor General's Agent, Central India)	1,000 0 0	+ 200
	5	J. Hewetson	13th Dec. '80	Assistant Commissioner, 2nd grade, District Officer	700 0 0	+ 100
	6	B. Houghton	23rd Jan. '85	Assistant Commissioner, 2nd grade, Ye u (Supernumerary). (Officiating Deputy Commissioner, 4th grade)	700 0 0	+ 333
			BOMBAY.			
	1	A. D. Carey	9th Nov. '65	Commissioner, Northern India Salt Revenue, Agra	2,500 0 0	+ 250 travelling allowance.
	2	A. Wingate, C.I.E.	8th Nov. '69	Settlement Officer, Kashmir	1,800 0 0	+ 150
	3	W. J. Cuningham	21st Nov. '70	Under-Secretary to the Government of India, Foreign Department	1,500 0 0	
	4	E. Lawrence, B.A.	12th Nov. '78	Assistant Accountant General, Madras	1,000 0 0	
	5	J. A. Crawford	17th Sept. 78	Junior Under-Secretary, Government of India, Foreign Department	1,200 0 0	
	6	R. A. Lamb	21st Oct. '79	Deputy Commissioner, 4th grade, Ye-u (Supernumerary)	1,200 0 0	
	7	W. T. Morison	2nd Dec. '81	Assistant Commissioner, 1st grade, Mongwa, Lower Chindwin (Supernumerary Deputy Commissioner)	1,000 0 0	+ 200
	8	A. L. P. Tucker	28th Dec. '82	Political Assistant of the 1st class, Second Assistant to the Resident at Hyderabad and Assistant Secretary for Berar	500 0 0	+ 100 + 11
	9	S. St. John Westlake	19th Oct. '86	Assistant Commissioner, Burma	500 0 0	
		Officers officiating to fill vacancies and on deputation under the Government of India.				
P.	1	The Hon'ble F. M. Halliday	30th Oct. '56	Additional Member, Governor General's Council	2,916 0 0	+ 800
B.	2	C. A. Roe, B.A.	22nd Nov. '63	Officiating Judge, Chief Court, Punjab	2,500 0 0	+ 1,000
N.	3	W. F. Meres, B.A.	29th Nov. '64	Officiating Judicial Commissioner, Burma	2,880 0 0	
B.	4	C. S. Bayley (*Barrister-at-Law*)	31st Dec. '77	Officiating Political Agent, 3rd class, Assistant Commissioner, Ajmere, Bikaneer	1,200 0 0	
B.	5	L. P. Shirres, B.A.	18th Dec. '82	Officiating Under-Secretary to the Government of India, Department of Finance and Commerce	1,000 0 0	+ 260

N.B.—"A." stands for Assam, "B." for Bengal, "B. B." for Burma, "C. P." for Central Provinces, "H." for Hyderabad, "N." for North-Western Provinces, "P." for Punjab.

History of Services of Gazetted Officers (whose names do not appear in lists published by any of the Local Governments) serving under the Government of India, in the Home, Legislative, and Revenue and Agricultural Departments, corrected to 1st January 1889.

HOME DEPARTMENT.

ANTHONY PATRICK MACDONNELL, M.A., C.S.I.—Arrived, 3rd November 1865; Junior Civil Servant, 3rd November 1865; passed in one language, 1st February 1866; qualified for the public service, 2nd July 1866; Assistant Magistrate and Collector, Monghyr, 1st August 1866; passed the lower standard, 1st June 1868. Assistant Magistrate and Collector, Nuddea, 3rd June 1868; passed the higher standard in October 1868; Assistant Commissioner, Hazaribagh, 11th December 1868; Assistant Magistrate and Collector, Pubna, 9th July 1869; Officiating Joint Magistrate and Deputy Collector, 2nd grade, 31st August 1869; Assistant Magistrate and Collector, Pubna, 9th December 1869; Officiating Joint Magistrate and Deputy Collector, 2nd grade, 1st April 1870; Officiating Joint Magistrate and Deputy Collector, 1st grade, Mymensing, 14th April 1870; Officiating Magistrate and Collector, Mymensing, 25th April 1870; Officiating Joint Magistrate and Deputy Collector, Mymensing, 1st grade, 2nd May 1870; Assistant Magistrate and Collector, Mymensing, continuing to officiate as Joint Magistrate and Deputy Collector, 1st grade, 30th June 1871; furlough, from 5th July 1872 to 18th October 1873; Assistant Magistrate and Collector of Tirhoot, 30th October 1873; Officiating Joint Magistrate and Deputy Collector, 1st grade, 1st November 1873; Joint Magistrate and Deputy Collector, 2nd grade, continuing to act in the 1st grade, 1st September 1874; Officiating Magistrate and Collector, 3rd grade, Durbhunga, 11th January 1875; on special duty in the Bengal Secretariat, 25th May 1875; Officiating Magistrate and Collector, Durbhunga, 9th March 1876; Joint Magistrate and Deputy Collector, 1st grade, continuing to officiate as Magistrate and Collector of the 3rd grade, Durbhunga, 11th August 1876; Officiating Magistrate and Collector, 2nd grade, 30th August 1877; furlough, from 15th May 1878 to 3rd November 1879; Officiating Magistrate and Collector, 3rd grade, Sarun, 13th November 1879; Officiating Magistrate and Collector, 2nd grade, 14th February 1880; Officiating Magistrate and Collector, 3rd grade, 18th November 1880. Services placed at the disposal of the Government of India, in the Department of Finance and Commerce, 10th May 1881; Officiating Accountant General, Bengal, 20th May 1881; services replaced at the disposal of the Government of Bengal, 31st August 1881; Officiating Secretary to the Government of Bengal, Revenue and General Departments, 1st September 1881; services placed at the disposal of the Government of India, in the Department of Finance and Commerce, 6th January 1882; Officiating Accountant General, Bengal, 4th January 1882. Services replaced at the disposal of the Government of Bengal, 26th April 1882; Officiating Secretary, Government of Bengal, General and Revenue Departments, 27th April 1882; privilege leave for three weeks, from 10th March 1884; Magistrate and Collector, 3rd grade, but continued to act as Secretary to the Government of Bengal, Revenue and General Departments, 25th May 1884; Secretary, Government of Bengal, General and Revenue Departments, 29th July 1884; Member of the Lieutenant-Governor's Council, and Secretary, Government of Bengal, General and Revenue Departments, 13th October 1884; privilege leave for three months, from 13th July 1885; Officiating Secretary, Government of India, Home Department, 5th March 1886; confirmed as Secretary, Home Department, 24th March 1887. Privilege leave for two months and 13 days, from 11th January 1888.

JOHN PRESCOTT HEWETT.—Joined the service, 29th August 1877; arrived in India, 17th December 1877; attached to North-Western Provinces, 26th October 1877; posted as an Assistant Magistrate and Collector to Agra, and invested with the powers of a Magistrate of the 3rd class, and with those of an Assistant Collector, 2nd class, 20th December 1877; invested with the powers of a Magistrate of the 2nd class, and with those of an Assistant Collector, 1st class, 10th May 1878; passed the Departmental examination by the higher standard in all subjects, 3rd January 1879; invested with the powers of a Magistrate of the 1st class, 20th January 1879; transferred to Bulandshahr, 29th July 1879; transferred to Agra, 15th November 1879; privilege leave from 8th August to 13th September 1880; transferred to Muttra, 16th October 1880;

retransferred to Agra, 23rd November 1880; privilege leave from 9th May to 17th July 1880; transferred as Assistant Commissioner of Tarai, 1st December 1881; examination leave, from 1st to 4th April 1882; appointed to act as Additional Assistant Commissioner at Naini Tal, in addition to his other duties, from 8th May 1882; held charge of Naini Tal in addition to his own duties, during the absence on leave of Mr. Casey, from 5th June to 3rd September 1883; appointed in the meanwhile to the charge of the Provincial Gazetteer, North-Western Provinces and Oudh, in addition to his other duties, 7th August 1883; Assistant Commissioner, Fyzabad, 3rd February 1884; Junior Secretary, Board of Revenue, North-Western Provinces and Oudh, 11th April 1884; privilege leave for three months, from 1st April 1885; Officiating Under-Secretary, Government of India, Home Department, 27th October 1886, confirmed as Under-Secretary, Home Department, 20th August 1887. Privilege leave for one month, from 9th April 1888. Officiating Private Secretary to His Excellency the Viceroy and Governor-General of India, 9th October 1888; Under-Secretary to the Government of India in the Home Department, 18th December 1888.

HOME—MEDICAL DEPARTMENT.

SURGEON-GENERAL SIR BENJAMIN SIMPSON, B.A., M.D., K.C.I.E., *Indian Medical Service.*

Dates of Commission.

Assistant Surgeon	20th October 1853.
Surgeon	26th September 1864.
Surgeon-Major	1st July 1873.
Brigade-Surgeon	27th November 1879.
Deputy Surgeon-General	31st March 1882.
Surgeon-General	29th March 1885.

Appointments.—Regimental duty with Artillery Recruits, 10th Bengal Cavalry, and 39th, 70th and 68th Native Infantry, 1853 to 1856; Civil Surgeon, 24-Pergunnahs, Darjeeling and Patna, 1860 to 1881; Deputy Surgeon-General, Southern Afghanistan Field Force and Quetta Division, 1881; Civil Surgeon of Patna, 10th December 1881 to 31st March 1882; Deputy Surgeon-General and Sanitary Commissioner, Central Provinces, Nagpur, 3rd April 1882 to 3rd April 1883; Officiating Surgeon-General, Bengal, 9th April 1883 to 20th August 1883; Surgeon-General, Punjab, 29th August 1883 to 25th October 1884; Surgeon-General, Bengal, 26th October 1884 to 28th March 1885; Sanitary Commissioner with the Government of India, 29th March 1885 to date; furlough, medical certificate, 183 days, from 20th April 1888.

War Services.—Bhutan Campaign, 1865; in medical charge, Runjeet and Teesta outposts.—(Frontier medal and clasp.)

DY. SURGEON-GENERAL W. WALKER, M.A., M.D., LL.D., F.R.C.S., EDIN., *Indian Medical Service.*

Dates of Commission.

Assistant Surgeon	4th August 1855
Surgeon	4th August 1867
Surgeon-Major	1st July 1873
Brigade-Surgeon	27th November 1879
Deputy Surgeon-General	24th October 1882

Appointments.—General duty, Presidency General Hospital, 12th December to 30th December 1855; regimental duty, 30th December 1855 to 1st October 1857; Superintendent, Agra Central Prison, 12th March 1858 to 1st February 1862; Superintendent, Government Press, and Curator, Government Books, 11th February 1862 to 21st March 1863; Officiating Inspector-General of Prisons, North-Western Provinces, 22nd March 1863 to 7th December 1864; Superintendent, Government Press, and Curator, Government Books, and Chemical Examiner, North-Western Provinces, Oudh and Central Provinces, 9th December 1864 to 8th May 1868; Officiating Inspector-General of Prisons, 9th May 1868 to 9th August 1868; Superintendent, Government Press, and Chemical Examiner, 10th August 1868 to 30th November 1871; Inspector-General of Prisons and Dispensaries, North-Western Provinces, 1st December 1871 to 21st October 1882; Inspector-General of Civil Hospitals, North-Western Provinces and Oudh, 22nd October 1882 to 22nd October 1887; unemployed, 22nd October 1887 to 19th April 1888; Officiating Surgeon-General and Sanitary Commissioner with the Government of India, 20th April to 20th October 1888; special duty Jails Commission, 20th October to date.

War Services.—Mutiny 1857; Affairs at Sussia and Agra.—Medal.

Author of "Epidemic Fever," North-Western Provinces, 1860-61.

SURGEON-MAJOR ARTHUR BARCLAY, M.B., *Indian Medical Service.*

Dates of Commission.

Surgeon	30th September 1874.
Surgeon-Major	30th September 1886.

Appointments.—Candidate, Army Medical School, 30th September 1874 to 9th February 1875; awaiting orders and *en route* to Calcutta, 10th February 1875 to 28th March 1875; Presidency General Hospital, Calcutta, 29th March 1875 to 23rd May 1875; Regimental duty with Bengal Sappers and Miners, 5th, 8th and 9th Regiments, Native Infantry, 1st and 2nd Regiments, Central India Horse, 45th, 29th Regiments, Native Infantry, and 6th B.C, 24th May 1875 to 1st February 1880; Civil Medical charge, Deoli (temporary), 2nd February 1880 to 12th May 1880; Officiating Medical charge, 6th Regiment, Bengal Cavalry, 13th May 1880 to 5th November 1880; at the disposal of Bengal Government, 6th November to 19th November 1880; Officiating Civil Surgeon, Jessore, 20th November 1880 to 9th August 1881; Officiating 2nd Resident Surgeon, Presidency General Hospital, 10th August 1881 to 2nd March 1882; 2nd Resident Sur-

geon, Presidency General Hospital, 3rd March 1882 to 15th March 1882; Officiating Professor of Physiology, Calcutta Medical College, 16th March 1882 to 28th March 1883; Officiating Secretary to Surgeon-General with the Government of India, 1st April 1883; Secretary to Surgeon-General with the Government of India, 1st April 1885 to date; furlough, medical certificate, 1 year, from 22nd January 1888.

War Services.—Afghan War, 1879-80.—Capture of Ali Musjid.—Medal with clasp.

SURGEON-MAJOR DAVID WILKIE, M.B., *Indian Medical Service.*

	Dates of Commission.
Surgeon	1st April 1873.
Surgeon-Major	1st April 1885.

Appointments.—Candidate, Army Medical School, Netley, 1st April 1873 to 31st July 1873; awaiting orders and *en route* to Bombay, 1st August to 9th November 1873; *en route* Bombay to Calcutta, 10th November to 10th March 1873; Presidency General Hospital, Calcutta, 18th November 1873 to 2nd January 1874; Andaman Islands with convicts, 3rd January 1874 to 6th February 1874; Presidency General Hospital, Calcutta, 7th February 1874 to 8th March 1874; proceeded to Mozaffarpore for duty in connection with famine, 9th March 1874 to 21st March 1875; Officiating Junior Civil Surgeon, Allahabad, 22nd March 1875 to 20th March 1876; Junior Civil Surgeon, Allahabad, 21st March 1876 to 11th February 1877; Officiating Superintendent, Central and District Jails, Benares, 12th February 1877 to 20th April 1877; Officiating Superintendent, Central Jail, Allahabad, 21st April 1877 to 14th October 1877; Officiating Superintendent, Central and District Jails, Benares, Agra, and Bareilly, 8th April 1878 to 7th November 1879; Civil Medical charge, Almorah, 18th November 1879 to 23rd April 1880; Superintendent, Central and District Jails, Benares and Bareilly, 24th April 1880 to 13th October 1880; Superintendent, Central Prison, Allahabad, 14th October 1880 to 15th January 1881; Officiating Civil Surgeon, Lalitpur, 25th January 1881 to 21st February 1881; Officiating Superintendent, Central Prison, Bareilly, 7th March 1881 to 31st December 1881; Superintendent of Jails, Bareilly, 1st January 1882 to 5th February 1882; Superintendent of Jails, Fatehgarh, Bareilly, and Agra, 4th April 1882 to 31st December 1882; Superintendent of Central Prisons, Agra and Bareilly, from 1st January 1883 to 14th May 1886; Officiating Statistical Officer to the Government of India in the Medical and Sanitary Department, from 15th May 1886 to 13th November 1886; confirmed in the appointment, 14th November 1886. Furlough, private affairs, 1 year, from 4th April 1888.

War Services.—Nil.

SURGEON-MAJOR WILLIAM NAPIER KEEFER, *Indian Medical Service.*

	Dates of Commission.
Surgeon	1st October 1869.
Surgeon-Major	1st October 1881.

Appointments.—Doing duty, Presidency General Hospital, Calcutta, 27th April 1870 to 13th June 1870; Calcutta to Peshawar, 13th June 1870 to 3rd July 1870; Regimental duty with Doabu Outposts, 16th Bengal Cavalry, Wing, 22nd Punjab Infantry, 42nd Native Infantry, and Coolie Corps at Looshai Campaign, 4th July 1870 to 7th April 1872; at General Hospital awaiting orders, 7th April 1872 to 27th April 1872; Regimental duty with 8th and Wing, 10th Native Infantry, 20th Punjab Infantry, and in medical charge, Lock Hospital and detachment, 8th Bengal Cavalry and Station Staff, and 20th Punjab Infantry, 27th April 1872 to 22nd August 1880; in Medical charge, Coolie Corps, Duffla Campaign, 24th October 1874 to 11th March 1875; in Medical charge, 20th Punjab Infantry, 11th March 1875 to 20th July 1875; furlough, medical certificate, 30th July 1875 to 29th October 1877; Regimental duty with 20th Punjab Infantry, Zowaki Campaign, 22nd November 1877 to 25th January 1878; Officiating Civil charge, Peshawar, 17th May 1878 to 17th October 1878; Regimental duty with 20th Punjab Infantry and Native Base Hospital, Afghan War, 1878-79 and 1880, and 13th Bengal Lancers, 20th November 1878 to 1st April 1881; Lawrence Military Asylum, Sanawar, 11th April 1881 to 19th July 1882; Regimental duty with 13th Bengal Lancers, 20th July 1882 to 7th April 1884; Senior Medical Officer at Port Blair and the Nicobars, 7th April 1884 to 31st December 1885; furlough, medical certificate, one year, 20th February 1887, extended, medical certificate, 1 year.

War Services—

Looshai Expedition, 1871-72.—Medal with clasp.

Duffla Expedition, 1874-75.—Despatches, G. G. O., 375 of 1875.

Zowaki Expedition, 1877-78.—Clasp.

Afghan War, 1878-79-80.—Capture of Ali Musjid, Lughman Valley Expedition, Zaimukht Expedition; Capture of Zawa.—Medal with clasp.

Egyptian Expedition, 1882.—Actions of Kassassin and Tel-el-Kebir.—Medal with clasp; Bronze Star, 4th Class of Osmanieh.

SURGEON-MAJOR G. HUTCHESON, M.D., C.M., I. M. S.

Dates of Commission.

Assistant Surgeon	1st October 1868.
Surgeon	1st July 1873.
Surgeon-Major	1st October 1880.

Appointments.—General duty, Presidency General Hospital, 27th April to 11th May 1869. Attached, 24th Native Infantry, 28th May to 5th June 1869; Medical charge, Doaba Outpost, 5th June 1869 to 1st February 1870. Special duty as Chemical Analyst, 1st February 1870 to 11th September 1871; Medical charge, 2nd Native Infantry, 12th September 1871 to 9th June 1872; Garrison Surgeon, Chunar, 11th June 1872 to 11th September 1872; on special duty on cholera enquiry, 12th September 1872 to 31st December 1873; Officiating Civil Surgeon, Jessore, 7th January 1874 to 9th January 1875; Officiating Civil Surgeon, 24-Pergunnahs, 11th January 1875 to 28th February 1875; Garrison Surgeon, Chunar, 13th March 1875 to 11th January 1881; Medical charge, 28th Native Infantry, 24th January to 27th February 1881; Civil Surgeon, Gonda, 28th February to 1st August 1881; Medical charge, 28th Native Infantry, 1st August 1881 to 11th July 1884; Officiating Medical Store-keeper to Government, Allahabad and Mecan Meer, 11th July 1884 to 5th April 1887; Officiating Principal Medical Store-keeper, 6th April 1887 to 4th April 1888; Officiating Statistical Officer to the Government of India in the Sanitary and Medical Departments, 4th April 1888 to date.

War Services.—Nil.

Author of "Cholera, its cause and mode of dissemination."

SURGEON-MAJOR G. P. MACKENZIE, M.B., C.M., I.M.S.

Dates of Commission.

Assistant Surgeon	1st April 1870.
Surgeon	1st July 1873.
Surgeon-Major	1st April 1882.

Appointments.—Doing duty, Presidency General Hospital, 9th December 1870 to April 1871; Civil employment, Bhagalpore, Debrughar and Rawal Pindi, April 1871 to June 1872; Regimental employment, June 1872 to 31st October 1881; Held following medical charges:—6th Punjab Infantry, 4th Punjab Infantry, 16th Bengal Cavalry, 41st Native Infantry, 6th Native Infantry, 3rd Bengal Cavalry, 4th Native Infantry, Lawrence Military Asylum, Sunawar, 1st November 1884 to 9th November 1886; 4th Bengal Infantry, 10th November 1884 to 8th May 1887; Officiating Senior Medical Officer, Port Blair, 9th May 1887 to date.

War Srvices.—Nil.

HOME—HIGH COURT.

THE HONOURABLE SIR WILLIAM COMER PETHERAM, KNIGHT, Barrister-at-law, Q.C.—Appointed Chief Justice of the High Court, North-Western Provinces, 1st November 1884; transferred to the office of Chief Justice of the Calcutta High Court with effect from 24th March 1886; appointed *Vice*-Chancellor of the University of Calcutta, 3rd June 1887; *privilege leave for 28 days from 25th July 1887.*

THE HONORABLE A. WILSON, Barrister-at-law.—Appointed a Judge of the Calcutta High Court, 12th November 1878; *privilege leave from 16th November 1880 to 8th January 1881; furlough to Europe from 13th March 1883 to 12th February 1884; privilege leave for 2 months, from 22nd June 1887; on special duty as Chairman in the Crawford commission case at Poona since 12th September 1888.*

THE HONORABLE J. Q. PIGOT, Barrister-at-law.—Appointed a Judge of the Calcutta High Court, 4th May 1882; *furlough on private affairs from 23rd November to 7th December 1882; furlough from 25th June 1886 to 19th March 1887; and further extension for 3 months and 17 days, from 20th March 1887.*

THE HONORABLE J. F. NORRIS, Barrister-at-law, Q.C.—Appointed a Judge of the Calcutta High Court, 17th June 1882; *privilege leave from 18th November to 17th December 1883; furlough from 14th September 1885 to 17th January 1886; special leave for 11 months, from 14th September 1886; privilege leave for one month from 11th August 1888.*

THE HONORABLE E. J. TREVELYAN, Barrister-at-law.—Advocate, Calcutta High Court, 1876; Secretary, Board of Examiners, for Pleaders and Mookteers, 1875-1880; Officiating Presidency Magistrate, 1876. Appointed a Judge of the Calcutta High Court, 12th January 1885; *furlough from 5th April to 4th December 1885.*

R. BELCHAMBERS, Attorney-at-law, Registrar, Original Side.—Held a subordinate place in the office of the Registrar of the Supreme Court, from 15th September 1848 to 31st December 1849; appointed Deputy Registrar of the Supreme Court (a new office) in February 1851; appointed a Commissioner to take affidavits and affirmations in 1852; appointed Chief Clerk of the Insolvent Court, January 1855, and performed the duties of this office in addition to his duties as Deputy Registrar; appointed to officiate as Accountant General of the Supreme Court and Registrar of the Vice-Admiralty Court on 1st December 1854, and performed the duties of these offices in addition to his other duties; appointed Registrar of the High Court, October 1862 [the office of Deputy Registrar having been merged in that office]; was appointed Keeper of Records and Muniments in January 1863, and as such performed the duties of Registrar of Joint Stock Companies and other Assurances from January 1863 to 2nd February 1865, in addition to his other duties; *leave on medical certificate from 23rd February 1865 to 17th December 1867;* appointed to officiate as Prothonotary, Taxing Officer, Accountant General and Sealer, 23rd November 1867, and performed the duties of those offices in addition to his other duties; permanently appointed Taxing Officer, Accountant General and Sealer, with power to perform such of the duties of the Clerk of the Crown as are not connected with the Criminal Sessions, April 1869, and has since performed the duties of those offices in addition to his duties as Registrar; was relieved of the duties of Chief Clerk of the Insolvent Court, April 1869; has since the abolition of the Master's Office in December 1863 been largely employed to perform the duties of Master and other *quasi*-judicial duties in addition to the duties of his various offices; *privilege leave from 20th November 1874 to 19th February 1875, and from 5th July 1878 to 30th September 1878;* is required to perform further *quasi*-judicial duties under the rules of 1st March 1886. As the official member of the Board of Examiner's has, since November 1867, been in charge of the half-yearly examinations for the admission of attorneys.

Undertook literary work of a public or official character as follows:—

In 1874 prepared a note on "The Bill to consolidate the law relating to the Sheriff and to the execution of decrees of the High Court," which was submitted by the Judges to the Government with a letter, No. 1960, dated 24th July 1874.

At the end of the same year and in the earlier part of 1875, prepared a set of rules of procedure which were adopted by the Court and were mentioned with approval in the report of the working of the Original Side in 1875, and some of which have been embodied in the Civil Procedure Code, 14 of 1882.

In 1876 furnished a note on the Civil Procedure Bill, which received special notice in the report of the Select Committee,—*vide Gazette of India*, September 30th, 1876, Part V, page 950.

In 1880 published a book of Rules and Orders of the High Court, with notes and an index, 572 pages, quarto, which was added to the list of subjects of examination both for Vakeels and Attorneys.

In 1884 published a book of "Practice of the Civil Courts," 663 pages, quarto, which was favorably mentioned by the Court in a letter to the Government of Bengal, No. 112, dated 9th April 1885.

LEGISLATIVE DEPARTMENT.

THE HON'BLE ANDREW RICHARD SCOBLE, Q.C., C.S.I.—Called to the Bar at Lincoln's Inn, 26th January 1856; appointed Q. C., 1876; Remembrancer of Legal Affairs at Bombay, 1869-72; Advocate General at Bombay, 1872-77; took upon himself the execution of his office of Ordinary Member of the Council of the Governor General in India, 1st December 1886; took his seat in Council, 16th December 1886.

STEPHEN HARVEY JAMES.—Joined the service, 2nd August 1870; arrived in India, 30th October 1870; attached to the N.-W. Provinces, 30th September 1870; appointed an Assistant in the Meerut Division, and invested with the powers of a Subordinate Magistrate of the 2nd class, and with those of an Assistant Collector, 14th November 1870; posted as Assistant Magistrate and Collector to Meerut, 21st November 1870; invested with the powers of a Subordinate Magistrate of the 1st class, and with those of a Deputy Collector for the trial of suits under Acts X of 1859 and XIV of 1863, 16th May 1871; passed the Departmental Examination by the higher standard in all branches and invested with the full powers of a Magistrate and with those of a Deputy Collector under Regulation IX of 1833, 16th May 1872; transferred to Etah, 17th October 1872; *examination leave from 26th March to 9th April 1874; privilege leave from 16th August to 19th October 1874;* transferred to Allahabad, 2nd November 1874; appointed Junior Secy., Board of Revenue, N.-W. Provinces, 1st May 1875; officiated as Secretary to Board of Revenue, N.-W. P., from 23rd February to 27th March 1877, and from 30th March to 30th April 1877; appointed to officiate as Under-Secretary to Government, N.-W. P. and Oudh, 1st May 1877; confirmed as Under-Secretary to Government, N.-W. P. and Oudh, 1st August 1877; Officiating Junior Secretary to Government, N.-W. P., 1st August 1877; Officiating Junior Secretary to Government, N.-W. P. and Oudh, 19th May 1878; reverted to Under-Secretary to Government, N.-W. P. and Oudh, 22nd August 1878; Officiating Registrar, High Court, N.-W. Provinces, 14th November 1878; appointed a Justice of the Peace within the N.-W. Provinces, 1st May 1879; *privilege leave from 6th August to 5th November 1879;* on being relieved of the office of Registrar, High Court, by Mr. R. J. Crosthwaite on the 3rd February 1881, was placed on special duty under the orders of the Court; Officiating Registrar, High Court, 24th February 1881; confirmed as Registrar, High Court, 4th May 1881, *privilege leave from 27th August to 26th November 1882;* resumed charge of his office as Registrar, 27th November 1882; was on special duty on the 28th November 1882; *privilege leave from 25th June to 13th July 1883;* was on special duty from 14th to 19th July 1883; resumed charge of his office as Registrar, 20th July 1883; was again placed on special duty and directed to accompany the Government to Lucknow, 10th October 1883; resumed charge of his office as Registrar, 19th November 1883; appointed Legal Remembrancer to the Government of the N.-W. P. and Oudh, 28th May 1884; transferred to the Government of India and appointed to officiate as Deputy Secretary in the Legislative Department, 4th March 1885, and as Secretary, 17th December 1885; confirmed as Secretary in the Legislative Department, 18th September 1887; *privilege leave, from 4th October 1887 to 2nd January 1888.*

JOHN MOLESWORTH MACPHERSON, Barrister-at-law.—Called to the Bar at the Inner Temple, 28th June 1876; admitted an Advocate of the High Court, Calcutta, 4th December 1876; appointed Deputy Secretary to the Government of India in the Legislative Department, 13th December 1877; *privilege leave from 27th February to 5th April 1881, and from 27th November 1882 to 26th February 1883;* furlough to Europe, with subsidiary leave, from 4th March 1885 to 21th March 1886; officiated as Secretary in the Legislative Department from 4th October 1887 to 2nd January 1888.

MR. MACPHERSON is the Editor of the 7th Edition of "Macpherson's Law of Mortgage in British India."

COLONEL HENRY SULLIVAN JARRETT.—Joined the service as Ensign, 13th December 1856; appointed to the Bengal Native Infantry, 24th February 1857; joined his appointment, 15th April 1857; promoted to Lieutenant, 11th July 1857; doing duty with Mooltan Artillery Division from September 1857 to June 1858; appointed to do duty with 6th Irregular Cavalry, 1st September 1858; and with Station Interpreter, Mooltan, November 1858; appointed Interpreter, V Battery, Royal Artillery, December 1858; exchanged into the 3rd European Regiment, April 1859; appointed to the 3rd Punjab Cavalry, June 1859; appointed Officiating Adjutant, 19th January 1860; appointed Station Staff Officer, Dera Ghazi Khan, 21st January 1860 and Dera Ismail Khan, 9th April 1860; appointed Adjutant, 1st Punjab Cavalry, 22nd February 1864, and 4th Bengal Cavalry, 12th January 1864; *furlough to Europe from 6th July 1868 to 9th April 1870;* promoted to Captain, 13th December 1868; appointed Officiat-

ing 2nd-in-Command, 4th Bengal Cavalry, 17th July 1869; appointed to officiate as Secretary Board of Examiners, 18th April 1870, and confirmed in that appointment, 29th March 1871; appointed to officiate as Assistant Secretary to the Government of India, in the Home Department, 18th April 1870, and in the Legislative Department, 2nd May 1873; *privilege leave from 17th January 1873 to 21st April 1873*; confirmed as Assistant Secretary, Government of India, Legislative Department, 17th August 1875; *furlough to Europe from 7th October 1875 to 12th January 1877*; promoted to Major, 13th December 1876; *furlough to Europe, from 31st March 1882 to 13th October 1883*; promoted to Lieutenant-Colonel, 13th December 1882; *privilege leave for 2 months and 29 days, with effect from 5th July 1886; privilege leave for 2 months and 6 days, with effect from 30th September 1888.*

War Service.—Indian Mutiny, 1858; present at outbreak of 62nd and 69th Regiments, and Native Horse Artillery at Mooltan, August 1858; engaged in pursuit of Mutineers of those Regiments, in command of a troop of the 6th Irregular Cavalry under Brigadier-General Farquharson, 1st September 1858—received medal and mentioned in despatches.

Mahsud Waziri Expedition, 1860.—Present at action of Berara Pass and the remaining operations of the Expeditionary Force (under Brigadier-General N. Chamberlain); engaged with the same regiment in the blockade of the same tribe on the Tok Frontier (1861-62)—received meda and clasp; 2nd Eusufzai Expedition, 1863; served with and present at all actions and operations of the Eusufzai Field Force as Aide-de-Camp to Brigadier-General N. Chamberlain, October 1863—received clasp.

Statements of the Services of Officers in the Survey of India.

Corrected up to 1st January 1889.

COLONEL H. R. THUILLIER, *Royal Engineers (Bengal), Surveyor-General of India.*—Joined the Honourable East India Company's Military College, Addiscombe, 11th June 1855; obtained his commission as 2nd Lieutenant, 12th June 1857; on duty at the Royal Engineering Establishment, Chatham, from 1st August 1857 to February 1859; promoted to 1st Lieutenant, 27th August 1858; arrived in India, 29th April 1859; appointed to the Survey Department as 2nd Assistant, Great Trigonometrical Survey, 21st May 1859; attached to the Great Indus Series Party from 20th November 1859 to 28th February 1861; promoted to 1st Assistant, 1st February 1861; transferred to the Kashmir Survey and employed thereon from 1st March 1861 to 28th February 1862; appointed to the charge of the Levelling Party, 1st March 1862; appointed to the charge of the East Calcutta Longitudinal Series Party, 1st September 1862; employed on that undertaking till its completion in November 1867; then commenced the Brahmaputra series; designation of appointment changed to Surveyor, 3rd grade, 1st April 1866; promoted to 2nd grade, 1st September 1869; designation changed to Deputy Superintendent, 2nd grade, 1st September 1869; Captain, 10th November 1869; employed on the Brahmaputra series triangulation till October 1870; then transferred to the charge of the Kumaon and Garhwal Topographical Survey; furlough to Europe, 14th March 1871; promoted to Deputy Superintendent, 1st grade, 18th July 1871; returned to India from furlough, 9th March 1873; resumed charge of the Kumaon and Garhwal Survey party in October 1873; employed on the survey of the Dehra Dun and Jaunsar-Bhawar districts till April 1876; reverted to Deputy Superintendent, 2nd grade, 1st April 1874, under reorganization of the department, and officiated as Deputy Superintendent, 1st grade, from that date; appointed to officiate as Superintendent, Great Trigonometrical Survey, 4th April 1876; Major, 7th October 1876; reverted to Officiating Deputy Superintendent, 1st grade, 1st November 1876; transferred to the charge of the Mysore Topographical Survey in March 1877; promoted to Deputy Superintendent, 1st grade, 27th October 1878, under the reorganization of 1878; furlough to Europe from 17th November 1879 to July 1881; on special duty at Poona, July to October 1881; resumed charge of the Mysore Topographical Survey, November 1881; Brevet Lieutenant-Colonel, 7th October 1883; appointed to officiate as Deputy Surveyor-General, in charge Revenue Branch, from 5th March 1884; confirmed, 1st October 1884; appointed to officiate as Surveyor General of India from 24th February 1886; Lieutenant-Colonel, 12th August 1886; confirmed as Surveyor-General of India, 19th February 1887; Colonel, 7th October 1887.

COLONEL JAMES SCONCE, *Bengal Staff Corps, Deputy Surveyor-General, in charge Revenue Branch.*—Joined the Honourable East India Company's Military College at Addiscombe, February 1852; date of first commission as 2nd Lieutenant, Bengal Artillery, 9th December 1853; landed in India, 2nd April 1854; promoted to 1st Lieutenant, 23rd September 1857; appointed to Bengal Horse Artillery, 11th February 1858; appointed Adjutant, 4th Battalion, Bengal Artillery, 15th July 1859; appointed Assistant Revenue Surveyor in the Bundelkhand Revenue Survey, 21st October 1859; transferred to the Royal Artillery, May 1861; appointed to the charge of 1st Division, Central Provinces Revenue Survey at Jubbulpore, 27th June 1862; promoted to Revenue Surveyor (now Deputy Superintendent of Survey), 3rd grade, 24th January 1863; promoted to 2nd Captain, Royal Artillery, 3rd April 1863; transferred to the charge of 3rd Division, Central Provinces Revenue Survey at Saugor, 13th November 1863; proceeded on furlough to Europe on sick certificate, 25th July 1864; returned from furlough and appointed to do duty in the Office of Superintendent, Revenue Surveys, Calcutta, 16th March 1866; appointed to the charge of 6th Division, Lower Provinces Revenue Survey at Hazaribagh, 3rd November 1866; promoted to Deputy Superintendent of Survey, 2nd grade, 6th November 1868; transferred as Captain to Bengal Staff Corps, 8th March 1869; proceeded on furlough to Europe, 28th March 1872; returned from furlough and appointed to do duty in the Office of Superintendent of Revenue Surveys, Calcutta, 5th November 1873; appointed to the charge of the 3rd Division, Lower Provinces Revenue Survey at Midnapur, 6th December 1873; promoted to Brevet Major, 9th December 1873; transferred to the charge of the 8th Division, Revenue Survey (Western Soane Irrigation) at

Arrah, 16th March 1876; promoted to Major, Bengal Staff Corps, 11th October 1876; appointed Deputy Surveyor-General, 1st January 1879; promoted to Lieutenant-Colonel, Bengal Staff Corps, 9th December 1879; Colonel, 9th December 1883; on furlough to Europe from 14th March 1884 to 7th March 1886; resumed charge of his office as Deputy Surveyor General, Revenue Branch, on 11th March 1886.

War Services.—Served with the 1st Battalion, Bengal Artillery, and No. 17, Light Field Battery, at the siege and capture of Delhi in September 1857; in action with the rebels at Bulandshahr in October 1857; in action with the rebels at Agra, 10th October 1857; served during the operations leading to the relief of Lucknow by the Army under Sir Colin Campbell in October and November 1857; in action with the rebels at Cawnpore on 5th November 1857; in action with the rebels at Shumshabad, near Futtegarh, in January 1858; at Alumbagh during the capture of Lucknow in March 1858; has received a mutiny medal with clasps for "Delhi," "Relief of Lucknow," "Capture of Lucknow."

MAJOR-GENERAL CHARLES THOMAS HAIG, *Royal Engineers (Bombay), Deputy Surveyor General.*—Obtained his first commission from the Honourable East India Company's Military College at Addiscombe, 8th June 1854; on duty at the Royal Engineering establishment, Chatham, 1st August 1854; left Chatham, 9th April 1855; Lieutenant, 24th May 1856; arrived at Bombay, 5th July 1856; joined the Bombay Sappers and Miners at Poona forthwith; commanded a company of that corps with the Persian Expeditionary Force, 1856-57; returned to India, October 1857; started same month in command of a company of the Bombay Sappers and Miners to join the Rajputana Field Force, with which he was afterwards appointed Staff Officer of Engineers; in May 1858 was appointed Assistant Executive Engineer at Neemuch; 22nd September 1859, appointed 2nd Assistant in the Great Trigonometrical Survey of India; joined the Bombay Party, at Rajkot, 15th October 1859, but was employed with the Okhamandal Field Force in the taking of Dwarka till December 1859; assumed charge of the Bombay Party, March 1860, and was employed therewith in Kathiawar, Gujarat, Meywar, Malwa, the Deccan and Kanara, until March 1866; promoted to 1st Assistant, 1st February 1861, and to Captain, 12th April 1862; on furlough from 14th April to 13th October 1865; assumed charge of the Northern Bombay Party, March 1866; engaged in the Survey of Bombay and the Topographical Survey of Kathiawar till September 1869; promoted to Deputy Superintendent, 2nd grade, 1st October 1867; on furlough from 30th September 1869 to 22nd September 1871; assumed charge of the Guzerat Party and engaged in its Topographical Survey till June 1884, with the exception of furlough from 31st March 1877 to 30th October 1878 and deputation as Commissioner to the Venice Geographical Exhibition from 14th April to 7th November 1881; promoted to Major, 5th July 1872, and to Lieutenant-Colonel, 23rd January 1877; Officiating Deputy Superintendent, 1st grade, 1st November 1879; promoted to Colonel, 1st July 1881; again officiated as Deputy Superintendent, 1st grade, from 27th November 1881 to 31st December 1882, and from 12th February 1883. Confirmed in that grade, 1st November 1883; appointed Officiating Deputy Surveyor-General, in charge Trigonometrical Branch, 1st October 1884; confirmed 19th February 1887. On furlough for 1 year and 4 days from 1st December 1888. Promoted to Major-General, 30th November 1888.

War Services.—Served with Persian Expeditionary Force, 1856-57; present at the battle of Khushab, and at the taking of Mohamera—medal and clasp; served with the Rajputana Field Force, 1857-58; present at the siege and assault of Kota—medal and clasp; served with the Okhamandal Field Force, 1859; present at the siege of Dwarka.

LIEUTENANT-COLONEL GEORGE STRAHAN, *Royal Engineers (Bengal), Officiating Deputy Surveyor-General, in charge Trigonometrical Branch.*—Obtained his commission from the Honourable East India Company's Military College at Addiscombe on 10th December 1858; on duty at Royal Engineering Establishment at Chatham, February 1st, 1859; remained under instruction at the establishment till June 1860; arrived in India, November 20th, 1860; remained with the Sappers and Miners at Roorkee from 6th December 1860 till March 1861; employed in the Irrigation Branch, Public Works Department, till July 2nd, 1862; appointed on 2nd July 1862 to Survey Department; served as Assistant in the Gwalior and Central India Survey for two years; assumed charge of No. 7 Party, Rajputana Survey, 1st September 1864; * sick leave to England, from 10th November 1867 to 6th July 1869; promoted to Captain, January 14th, 1871; appointed Deputy Superintendent, 3rd grade, November 10th, 1867; appointed Deputy Superintendent, 2nd grade, October 26th, 1870; transferred to charge of No. 8 Party, Mysore Survey, 1st October 1875; furlough to Europe on private affairs, from May 1st, 1877, to April 15th, 1879; assumed charge of No. 2 Party, Khandesh Survey, June 4th, 1879; and of Mysore Topographical Party, 1st November 1879; promoted to rank of Major, 27th May 1881; received charge of No. 2 Astronomical Party, 4th November

* *Vide* G. G. O. No. 605, dated 26th September 1863,—*vide* General Report, 1860 to 1865, page 36, para. 160.

1881; Officiating Assistant Surveyor-General in charge, Engraving and Cartographic Offices, Head-quarters, Calcutta, from 27th April 1883 to 24th July 1883; assumed charge of No. 2 Astronomical Party, 1st August 1883; furlough to Europe for one year from 7th May 1884, with extension for 6 months; promoted to Deputy Superintendent, 1st grade, 10th November 1884. On duty in Europe from 10th April to 4th August 1885, inclusive (period to count as service, *vide* Secretary of State's letter No. 231, dated 3rd September 1885). In charge, Astronomical No. 2 Party, 13th November 1885, and of the Andaman Survey likewise from 18th May 1886. Nomenclature of Party changed to Nicobar, 1st October 1886; made over charge of No. 2 Astronomical Party on the 15th October 1886; promoted to Lieutenant-Colonel, 8th September 1886. Made over charge of No. 21 Party (Nicobar) and resumed that of No. 23 Party (Astronomical II), 1st October. Charge of No. 22 Party (Astronomical I) from 1st to 30th November 1887. Made over charge of No. 23 Party (Astronomical II), 13th July 1888 afternoon. Officiating Assistant Surveyor-General in charge, Mathematical Instrument Office, and Surveyor-General's Office, from 23rd July to 8th October 1888. Appointed Officiating Deputy Surveyor-General and assumed charge of the Trigonometrical Branch on the afternoon of the 14th November 1888.

COLONEL DONALD MACDONALD, *Bengal Staff Corps, Deputy Superintendent, 1st Grade, and Assistant Surveyor-General.*—Date of 1st commission as Ensign in Bengal Infantry, 20th October 1853; landed in India, 1st December 1853; posted to 25th Regiment, Native Infantry; served with the 25th Native Infantry, 1 year at Allahabad and 4½ years in Burma, during which period he officiated as Quarter-Master and was appointed Adjutant; promoted to Lieutenant, 18th January 1856; proceeded to Europe on medical certificate from 20th May 1859 to 12th August 1860; joined the Survey Department, 19th December 1860; served as Assistant Revenue Surveyor in the Dinagepur District, and afterwards in Manbhoom; Captain, 1st January 1862; received charge of a Survey Party in 1863; entered Staff Corps, 13th August 1864; promoted Revenue Surveyor, 1st January 1865; promoted Deputy Superintendent, 3rd grade, 1st April 1866; superintended the survey of Manbhoom from 1863 to 1866, took this party up to Lakhimpur in Assam, and started the survey there; transferred in March 1867 to Sind, and superintended the survey of District Shahbunder and portion of Thar Parkar, and Hyderabad; transferred with this party to Kurnal in 1870; promoted to Officiating Deputy Superintendent, 2nd grade, 12th March 1871; furlough on private affairs from 18th January 1872 to 14th January 1874; Major, 20th October 1873; on return took charge of the Goalpara Survey till 1875, when that party was broken up; transferred to charge of North Deccan Survey at Poona; again transferred in 1877 to charge of Sirsa Survey; promoted Deputy Superintendent, 2nd grade, 1st January 1878; Lieutenant-Colonel, 20th October 1879; on breaking up of that party in 1879 was posted to charge of North-West Frontier Survey, which he held from 1879 to 1884; surveyed portions of Dehra Ismail Khan, Rawalpindi, Mozaffargurh and Hissar Districts; Colonel, 20th October 1883; furlough on private affairs from 7th March 1884 to 23rd February 1886; on return from furlough was posted to Head-quarters Office in Calcutta as Officiating Assistant Surveyor-General, in charge of Mathematical Instrument Office, and Surveyor-General's Office; Officiating Deputy Superintendent, 1st grade, 9th March 1886; confirmed 1st January 1887; confirmed as Assistant Surveyor-General, 26th September 1887.

COLONEL F. CODDINGTON, *Bengal Staff Corps, Deputy Superintendent, 1st Grade.*—Joined the Honourable East India Company's Military College at Addiscombe on 1st August 1855; received commission as 2nd Lieutenant in the Bengal Artillery on the 12th June 1857; arrived in India, 16th October 1857; promoted to 1st Lieutenant on the 27th April 1858; appointed to the Bengal Horse Artillery on the 23rd October 1858; services transferred to Royal Horse Artillery in May 1861; appointed an Assistant Surveyor in the Survey Department on the 13th January 1862, and transferred to Bengal Staff Corps from same date; appointed to the charge of a Survey Party, 3rd Division, Oudh, on the 1st January 1864; sick leave to Europe from the 10th December 1865 to 25th July 1867; promoted to Deputy Superintendent of Survey, 3rd grade, on the 26th July 1867; attached to Head-quarters Office from 26th July 1867 till the 15th November 1867; received charge of the 4th Division, Central Provinces Revenue Survey, on the 27th November 1867; promoted to Captain, 12th June 1869; raised and received charge of a new survey, 10th Division, Deccan, on the 1st November 1871; furlough to Europe from 29th March 1875 to 18th March 1877; appointed to do duty in the Head-quarters Office from 19th March 1877; promoted to Major, 12th June 1877; furlough on urgent private affairs, under Rule XI of 1868, from 16th February 1878; rejoined appointment in Head-quarters Office, 12th August 1878; promoted to Deputy Superintendent, 2nd grade, on the 27th October 1878; furlough on private affairs from 9th November 1882 to 28th February 1884; promoted to Lieutenant-Colonel, 12th June 1883; received charge of Punjab Revenue Party on 3rd March 1884; officiated as Deputy Superintendent, 1st grade, from 1st October 1884 to 8th March 1886, and from 10th March

1886 to 8th December 1886. Again from 1st January 1887. Confirmed 19th February 1887. Colonel, 12th June 1887. Furlough for 1 year from 16th November 1888.

War Services.—Served with the Cawnpore Field Force and at intrenched camp at Alumbagh and capture of Lucknow between 30th December 1857 and 23rd April 1858—medal with clasp for Lucknow.

MAJOR CHARLES STRAHAN, *Royal Engineers (Bengal), Officiating Deputy Superintendent, 1st Grade, Assistant Surveyor-General.*—Date of first commission, 8th June 1860; landed at Calcutta, October 1862; appointed to Survey Department as Military 2nd Assistant, and attached to No. 1 Party, 26th September 1863; took charge of reconnoitring party in Bhutan under General Tytler in October 1865; promoted to Assistant Surveyor, 1st grade, 1st April 1866; rejoined No. 1 Party, 16th July 1866; promoted to Surveyor, 3rd grade, 1st December 1867; furlough to Europe from 2nd December 1871 to 27th October 1873; promoted to Captain, 20th August 1872; Officiating Deputy Superintendent, 2nd grade, from 4th January to 31st March 1874, from 1st February to 4th October 1878, from 27th October 1878 to 21st April 1879, and from 1st November 1879 to 13th March 1880; furlough to Europe from 27th March to 10th October 1880; Officiating Deputy Superintendent, 2nd grade, from 18th October 1880 to 9th January 1884; promoted to Brevet Major, 2nd March 1881; to Major, 1st July 1881; officiated as Assistant Surveyor-General, in charge Cartographic and Engraving Offices from 24th July 1883; promoted to Deputy Superintendent, 2nd grade, 10th January 1884; confirmed as Assistant Surveyor-General, 23rd May 1884; Officiating Deputy Superintendent, 1st grade, from 3rd December 1884 to 12th November 1885; furlough to Europe from 4th May 1886 to 23rd October 1887; resumed charge of his office as Assistant Surveyor-General in charge, Drawing and Engraving Offices, Calcutta, 24th October 1887. Officiating Deputy Superintendent, 1st grade, from 1st November 1888.

War Services.—Served with the Bhutan Field Force, in charge of reconnoitring party, under General Tytler from October 1865 to 16th July 1866—medal and clasp; served with the Peshawur Field Force in Afghanistan under Sir Samuel Brown from March 1879 to end of first campaign in June 1879—medal—brevet of Major.

COLONEL WILLIAM BARRON, *Bengal Staff Corps, Officiating Deputy Superintendent, 1st Grade.*—Received a commission in the Bengal Artillery as 2nd Lieutenant on 11th December 1858; arrived in the country, 4th February 1859; did duty with the Bengal Artillery at Meerut and Peshawur till end of March 1860; did duty with the Peshawur Mountain Train Battery during April and May 1860; rejoined the Artillery Division at Peshawur, June 1860, and continued there till appointed to the Peshawur Mountain Train Battery on 22nd August 1861; served with it at Murdan and Abbottabad till 3rd July 1862; appointed Assistant Revenue Surveyor in the Revenue Survey, 27th June 1862, and joined on 4th July 1862; joined the Bengal Staff Corps, 4th July 1862; Assistant Superintendent, 1st grade, 27th June 1866; surveyed in the Delhi, Peshawur, and Hazara Districts till 15th December 1866; held charge of the North-West Frontier Survey from 12th October to 15th December 1866; took charge of the 2nd Division, Lower Provinces, at Dibrugarh, Assam, on 1st February 1867; Officiating Deputy Superintendent, 3rd grade, 6th November 1868; continued surveying in the Lakhimpur District till 8th December 1869; leave on medical certificate to Europe from 6th January 1870 to 3rd April 1871; promoted to Captain, 11th December 1870; appointed Deputy Superintendent of Survey, 3rd grade, on 1st April 1870; on return from furlough took charge of the North-West Frontier Revenue Survey on 17th April 1871; surveyed in the Dera Ghazi Khan District till 15th October 1873; transferred to the 4th Division, Revenue Survey, and took charge on the 13th November 1873; continued in charge till the 31st October 1883, during which time surveyed districts Budaun (on scale of 4″=1 mile), Moradabad, Ghazipur, Ballia, and part of Benares (cadastrally on scale of 16″=1 mile); promoted to Major, 11th December 1878; Officiating Deputy Superintendent, 2nd grade, from 27th November 1881 to 2nd December 1881, again from 7th November 1882 to 8th January 1883, and from 12th February 1883 up to 31st October 1883; furlough, private affairs, for 2 years, from 9th November 1883; confirmed as Deputy Superintendent, 2nd grade, 7th August 1884; promoted to Lieutenant-Colonel, 11th December 1884; returned from furlough and received charge of No. 8 Revenue Party, Mozufferpore, subsequently called Bengal and Orissa Cadastral Survey, 16th November 1885. On deputation to Government Straits Settlement from afternoon of 14th May 1887. Resumed charge of No. 8 Party (Bengal and Orissa), 30th August 1887. Officiating Deputy Superintendent, 1st grade, from 15th November 1888. Colonel, 11th December 1888.

Favourably mentioned in Despatch No. 7, dated India Office, London, 5th May 1870, from the Right Honourable the Secretary of State for India, to His Excellency the Right Honourable the Governor General of India in Council, for his work in the Lakhimpur District.

Received the thanks of the Government of India for compiling a "Hand-book of Instructions for Cadastral Survey Parties employed in the combined operations of Survey and Settlement in the North-Western Provinces."—Letter No. 213 S., dated Simla, 11th June 1884, from the Under-Secretary to the Government of India (Revenue and Agricultural Department), to the Surveyor-General of India,

War Services.—Served with the Peshawur Mountain Train Battery in the Mahsud Waziri Expedition during April and May 1860, and the forcing of the Burrara Pass; served as Assistant Surveyor with the Umbeyla Expedition, October 1863; severely wounded in the action at the Eagle's Nest Picket on 26th October 1863—wound pension for life—medal with North-West Frontier and Umbeyla clasps.

COLONEL H. C. B. TANNER, *Bombay Staff Corps, Deputy Superintendent, 2nd Grade.*—Obtained his commission in the Bombay Artillery from the Honourable East India Company's Military College at Addiscombe on the 8th June 1854; joined the Survey Department from the E Brigade, Royal Horse Artillery, as Assistant in the Sind Revenue Survey on 10th October 1862; transferred with the Sind Party to Chanda, Central Provinces; the party became the 4th Division, Central Provinces Revenue Survey, in February 1865; sick leave from 18th February to 13th March 1866; furlough to Europe from 14th March 1866 to 11th May 1867; after rejoining from furlough, on duty in the Head-quarters Office, Calcutta, from 11th May to 23rd June 1867; assumed charge of the 3rd Division, Central Provinces Revenue Survey, at Saugor, 24th June 1867; transferred with the party to the Nimar District in November 1867; Officiating Deputy Superintendent, 3rd grade, 6th November 1868; promoted to Deputy Superintendent, 3rd grade, 1st April 1870; assumed charge of the Bombay City Survey in addition to his other duties, December 1869; transferred with the 3rd Division, Central Provinces Survey, to Bhawalpur; designation of party changed to 1st Division, Bhawalpur Revenue Survey, November 1870; transferred to the Topographical Party, which accompanied Sir Charles Brownlow's column to the Lushai Hills, from 1st November 1871 to 30th April 1872; on return from the Lushai Expedition transferred to charge of 4th Division, Central Provinces, 29th August 1872; designation of party altered to 11th Deccan Topographical Party, 1st October 1872; promoted to Major, 8th June 1874; furlough on private affairs on 25th August 1876; rejoined 11th Division, Deccan Survey, on expiration of furlough, 28th April 1877; ordered to join the Khyber column, under Lieutenant-General Sir Samuel Brown, as Surveyor, November 1878; joined the Great Trigonometrical Survey Office at Mussooree on completion of Afghanistan campaign in June 1879; on special duty to Gilgit from July 1879 to 18th April 1882; promoted to Lieutenant-Colonel, 22nd November 1879; furlough for 6 months, 19th April 1882; assumed charge of Darjeeling and Nepal Boundary Parties, 1st November 1882; Officiating Deputy Superintendent, 2nd grade, from 7th November to 31st December 1882, and from 14th March 1883 to 30th September 1884; promoted to Colonel, 8th June 1884; and to Deputy Superintendent, 2nd grade, 1st October 1884; services placed under the disposal of the Foreign Department for employment with the Tibet Mission from May 1886. Rejoined the Department, 18th August 1886, and assumed charge of the Himalaya Party on the 19th idem.

War Services.—Accompanied the Persian Expeditionary Force of 1856 as Subaltern in No. 5 Light Field Battery, and was present at the landing at Halila Bay, the taking of Reshire and Bushire and the battle of Kushat—medal and clasp—accompanied a force despatched after the rebels from Kurrachee to Nugger Parker in May 1859; accompanied Sir Charles Brownlow's column during the Lushai Expedition in November 1871 as Surveyor—clasp—mentioned in despatches, and received the thanks of the Government of India; accompanied Sir Samuel Brown's column, 1st Division, Peshawur Valley Field Force, as Surveyor, from the commencement to the termination of hostilities in 1878-79.

COLONEL AYRTON PULLAN, *Bengal Staff Corps, Deputy Superintendent, 2nd Grade.*—Appointed a Cadet of Infantry, February 1856; landed in India, 29th April 1856; date of first commission as Ensign, 14th June 1856; Lieutenant, 26th December 1856; Officiating Quarter-Master, 4th Sikh Infantry, July 1857; sick leave from Delhi Field Force, 12th September to 30th November 1857; appointed Adjutant, Berry's Sikhs, November 1857; Adjutant, Gorukpur Military Police, January 1858; Adjutant, Benares Horse, January 1859; appointed to the Staff Corps, 18th February 1861; attached to Her Majesty's 8th Hussars, November 1861; Doing Duty Officer, 14th Bengal Cavalry, January 1862; officiated as Assistant Political Agent, and Bazar Master, Morar, from April to June 1862; Doing Duty Officer, 8th Bengal Cavalry, June 1862; appointed 2nd Assistant, Great Trigonometrical Survey, 18th January 1863; promoted to 1st Assistant (designation changed to Assistant Surveyor, 1st grade), 1st October 1866; promoted to Captain, 14th June 1868; furlough to Europe for two years, 31st December 1869; Assistant Superintendent, 1st grade, and Officiating Deputy Superintendent, 3rd grade, Great Trigonometrical Survey, 11th December 1871; appointed to the charge of the

Kathiawar Survey, 6th April 1873; promoted to Major, 14th June 1876; confirmed Deputy Superintendent, 3rd grade, 1st January 1878; furlough to Europe for one year from 13th May 1878; returned to duty, 19th April 1879; resumed charge of Kathiawar Survey, 26th April 1879; on completion of which in 1879-80 commenced the survey of Cutch; promoted to Lieutenant-Colonel, 14th June 1882; officiated as Deputy Superintendent, 2nd grade, from 1st November 1883; confirmed, 28th November 1884; employed on Cutch Survey until its completion in 1886; promoted to Colonel, 14th June 1886; assumed charge of Gujarat Survey on 30th October 1886.

War Services.—Served as Orderly Officer to Brigadier Johnstone on the march from Jullundur to Delhi, June 1857; served with the 4th Sikh Infantry throughout the siege of Delhi—severely wounded—medal and clasp—also mentioned in despatches three times during the Indian rebellion, and received the thanks of Sir C. Wingfield, Chief Commissioner of Oudh, for the defence of the town of Bansee when attacked by an insurgent force, July 1858 (horse wounded).

LIEUTENANT-COLONEL DAVID CLAPHAM ANDREW, *Bengal Staff Corps, Deputy Superintendent, 2nd Grade.*—Joined Royal Military College, Addiscombe, 7th February 1859; obtained a commission as Ensign in the General List of Bengal Infantry on 9th December 1859; arrived in India, 7th March 1860; by G. O. C. C., dated 9th April 1860, directed to do duty with Her Majesty's 77th Regiment; promoted to Lieutenant on the 10th September 1861; by G. O. C. C., dated 25th March 1862, ordered to join and do duty with the 21st Punjab Native Infantry; joined the Revenue Survey Department as Probationary Assistant Surveyor on the 30th December 1862; posted to the 3rd Division, Central Provinces Revenue Survey; appointment confirmed, 18th January 1864; joined Bengal Staff Corps, 18th January 1864; Assistant Superintendent, 1st grade, on the 30th December 1866; transferred to the Oudh Revenue Survey, June 1867; promoted to Captain on the 9th December 1871; appointed to the charge of the Nowgong District Revenue Survey, Assam, in October 1871; settled all the lakhirajdar dispute cases in the Nowgong District, Assam, demarcating the estates; transferred to the charge of the 2nd Division, Bhawalpur State Survey, October 1872, and to the 3rd Division in 1873, which latter was abolished in 1875; in October 1875 appointed to the charge of the Azumgarh Cadastral Survey which was abolished; appointed in October 1876 to the N.-W. Provinces Cadastral Revision Survey, and transferred in October 1877 to the Cuttack Cadastral Survey; promoted to Deputy Superintendent of Revenue Survey, 3rd grade, on the 1st January 1878; proceeded on furlough on medical certificate to Europe on the 28th May 1878; returned to India on the 12th June 1879, and employed in office of Deputy Surveyor-General; placed in charge of Bassein District, British Burma Cadastral Survey, 11th November 1879; promoted to Major, 9th December 1879; transferred to No. 11 South Deccan Topographical Survey, subsequently called Seoni Traverse Survey, 20th November 1880; received personal allowance of ₹100, until promotion to Deputy Superintendent, 2nd grade, 15th February 1883; Officiating Deputy Superintendent, 2nd grade, from 5th to 23rd March 1884, and again from 30th April 1884; confirmed 10th March 1886. Lieutenant-Colonel, 9th December 1885. Furlough for 1 year and 243 days from 4th September 1888.

COLONEL WILLIAM HENRY WILKINS, *Bengal Staff Corps, Deputy Superintendent, 2nd Grade.*—Joined the Bengal Artillery, 12th December 1857; arrived in the country, 28th January 1858; promoted to 1st Lieutenant, 27th August 1858; joined Thomason College, Roorkee, 12th March 1861; obtained 1st class certificate, &c., 27th August 1862; privilege leave until 1st November 1862, on which date received general leave in India for three months, afterwards extended to six months; commanded the garrison battery in Agra Fort (the 20 days' leave not expended was never cancelled), 11th April 1863; joined the Fyzabad Revenue Survey as Assistant on probation, 27th April 1863; confirmed as Assistant Revenue Surveyor, and appointed to Staff Corps from 11th May 1864; joined 1st Division, Central Provinces Revenue Survey, 13th November 1864; promoted to Assistant Superintendent, 1st grade, 27th April 1867; Captain, 12th December 1869; Assistant Superintendent, in charge of 1st Division, Central Provinces Survey, 3rd August 1870 to 16th December 1870; joined the 2nd Division, Punjab Revenue Survey, 1st July 1871; Officiating Deputy Superintendent, 3rd grade, 13th May 1871 to 24th September 1871; received charge of 2nd Division, Punjab Revenue Survey, 20th October 1871; Officiating Deputy Superintendent, 3rd grade, from 18th January 1872 to 3rd March 1872, and from 28th March 1872 to 18th March 1877; received charge of Midnapur Revenue Survey, 1st December 1876; received charge of Dearah Survey, 7th December 1877; Major, 12th December 1877; confirmed as Deputy Superintendent, 3rd grade, 27th October 1878; received charge of Bassein District (British Burma) Cadastral Survey on 25th November 1881; received personal allowance of ₹100 from 15th February 1883 until promotion to Deputy Superintendent, 2nd grade; on furlough to Europe from 8th June 1883; promoted to Lieutenant-Colonel, 12th December 1883; returned from furlough and attached to Head-quarters, Calcutta, from 14th March 1884; Officiating Deputy Superintendent,

2nd grade, from 7th August 1884; confirmed 1st January 1887. Transferred to charge of Raipur District Traverse Survey, and superintending Detached Party working in District Sambalpur from 4th November 1885. Colonel, 12th December 1887.

War Services.—Served with the Cawnpur Field Force during February and March 1858.

LIEUTENANT-COLONEL J. E. SANDEMAN, *Bengal Staff Corps, Deputy Superintendent, 2nd Grade.*—Joined the Royal Military College at Addiscombe in 1860; obtained a commission as Ensign in the Bengal Infantry on the 7th June 1861; arrived in India in October 1861; was attached for duty to Her Majesty's 90th Light Infantry; promoted to Lieutenant, 19th May 1862; 10th October 1862 passed the P. H. examination in Hindustani; had leave in India, private affairs, 15th December 1862 to 12th February 1863; by G. O. C. C., dated 23rd March 1863, was permitted to study at the Civil Engineering College at Roorkee; in September 1864 passed the College final examination, and obtained certificate qualifying for employment as an Engineer in the Department of Public Works; was appointed to the Survey Department, and joined appointment at Nagpur on the 6th October 1864; from 17th February 1866 was transferred to 2nd Division, Oudh Survey, and from 13th November 1866 to North-Western Frontier Survey Party in the Punjab; joined the Staff Corps on the 9th May 1867; served in the Punjab till 1870; furlough to England from 14th March 1870 to the 16th February 1872; rejoined his appointment at Nagpur as Assistant Superintendent of Survey on 21st February 1872; held charge of the 2nd Division, Central Provinces Revenue Survey, from 19th June to 10th August 1872; from 1st October 1872 was transferred to the Moradabad Cadastral Survey; in March 1873 was transferred to Bengal, and took over charge of the Midnapur Survey from 21st March 1873; promoted to Captain, 7th June 1873; made over charge of the Midnapur Survey in December 1873, and proceeded to join the Goalparah Survey in Assam; in October 1874 was appointed to the Behar Irrigation Survey as Assistant Superintendent; from 1st October 1875 obtained charge of the Darjeeling Waste Lands Survey, which after two months was converted into Dhanwar Estate Survey; with this party surveyed cadastrally the Dhanwar Estate in Hazaribagh, a portion of the Chota Nagpur Estate in Lohardugga, and the Government Estate of Barkagarh in Lohardugga; from the 1st December 1878 assumed charge of the British Burma Cadastral Survey; Officiating Deputy Superintendent, 3rd grade, from 15th May to 7th November 1876, and from 14th July 1877; confirmed 1st January 1879; promoted to rank of Major, 7th June 1881; furlough to Europe from 9th August 1881 to 30th October 1882; appointed to do duty in the Head-quarters Office, Calcutta, from 4th November 1882; received personal allowance of ₹100 until promotion to Deputy Superintendent, 2nd grade, 15th February 1883; assumed charge of Mirzapur and Gorakhpur Districts Cadastral Survey, North-Western Provinces, from 1st November 1883; Officiating Deputy Superintendent, 2nd grade, from 24th September 1884; confirmed 19th February 1887; promoted to Lieutenant-Colonel, 7th June 1887; overstayed privilege leave by three days in October 1887.

War Services.—Served with the Black Mountain Expedition in Hazara under Major-General Alfred Wilde, from 15th August to 31st October 1868; was present at the advance from Munna Kaduna, and the taking of the Machai Peak; assisted in surveying the route taken by the force, and the surrounding country, under the direction of Colonel H. C. Johnstone, and compiled a map of the same—received the Frontier medal.

COLONEL W. F. BADGLEY, *Bengal Staff Corps, Deputy Superintendent, 2nd Grade.*—Joined the service, 4th April 1857; arrived in Calcutta, 15th May 1857; doing duty with Her Majesty's 88th and 53rd Regiments to 25th November 1858; Lieutenant, 18th May 1858; Oudh Military Police, 26th November 1858; Adjutant, 26th Punjab Infantry, to 11th April 1865; appointed to the Topographical Survey on 8th May 1865, and joined No. 5 Party, employed in Rewah and Bundelcund, and remained with that party till October 1868; Assistant Superintendent of Survey, 8th May 1868; Captain, 4th April 1869; furlough, 23rd January 1869 to 21st January 1871; joined and received charge of No. 6 Topographical Party; employed in the Khasi, Garo, and Naga Hills on 8th June 1871, and remained in charge of that party up to 9th March 1882, with the exception of a period from October 1874 to August 1875, during which Major Godwin-Austen had charge; Major, 4th April 1877; on furlough to Europe for one year from 10th March 1882; extension for one year and 3 days; Lieutenant-Colonel, 4th April 1883; returned to duty, 13th March 1884, and took charge of Guzerat Party on 25th March 1884; Officiating Deputy Superintendent, 2nd grade, from 1st October 1884 to 15th November 1885, from 5th February to 8th March and from 10th March 1886 to 29th November 1887; Officiating Assistant Surveyor-General in charge, Photographic and Lithographic Offices, from 21st March 1886 to 28th October 1886; assumed charge of Madras Survey on 4th November 1886; promoted to Colonel, 4th April 1887. Furlough, private affairs, for 1 year, from 29th June 1888. Confirmed as Deputy Superintendent, 2nd grade, from 17th July 1888.

War Services.—Served as Ensign and Lieutenant in Central India and Oudh under Sir Hope Grant and Sir Colin Campbell; entered Cawnpore with the first detachment of the relieving force during the siege by the Gwalior contingent; on escort duty to Lucknow during the final siege, and present at several small engagements during the mutiny; employed with a party of the Military police on the Nepal frontier in attempting to capture the Nana; served in charge of the survey party with the northern column of the Lushai expedition and in some minor affairs on the Eastern frontier, and in one of these received four wounds—medals and clasp; mentioned in despatches and received the thanks of Government on several occasions.

BREVET LIEUTENANT-COLONEL T. H. HOLDICH, *Royal Engineers, Officiating Deputy Superintendent, 2nd Grade.*—Commissioned Lieutenant, R.E., 17th December 1862; arrived in India, 3rd March 1865; appointed Assistant to Officer in charge, Field Survey Operations in Bhutan, October 1865; appointed Assistant Superintendent, 2nd grade, Topographical Survey of India, 23rd July 1866, and attached to the Rajputana party; assisted to make the first surveys of the Sambhur Lake District; attached to special party for service in Abyssinia, December 1867; proceeded to England on special duty from Abyssinia, June 1868; Assistant Superintendent, 1st grade, 15th December 1868; returned to India on 4th May 1869, and joined Gwalior and Central India Topographical Survey; acted in charge of the party from 1871 to 1873; Officiating Deputy Superintendent, 3rd grade, from 11th August to 3rd November 1873, and again from 15th December 1873 to 14th May 1877; appointed to charge of Vizagapatam Agency and Central Provinces Survey on 15th December 1873; completed the survey of districts east of the Godavari river, including part of Bustar and Gondwana; Captain, 4th June 1876; furlough to England for 2 years when the party was broken up, 14th May 1877; recalled for service with Southern Afghanistan Field Force in December 1878; Officiating Deputy Superintendent, 3rd grade, from 15th January to 13th June 1879, and from 1st November 1879 to 28th April 1883; Brevet Major, 2nd March 1881; special leave to England for 3 months, from 1st November 1880; assumed charge of the Kohat District Topographical Survey on 15th February 1881; Deputy Superintendent, 4th grade (new), 1st July 1882; Deputy Superintendent, 3rd grade, 29th April 1883; completed survey of Kohat District in April 1883, having carried out the following trans-frontier explorations and surveys whilst in charge of the party—Survey of the unmapped portions of the Adamkhel Afridi country—exploration of passes leading from Meranzai valley into the Urakzai Hills—survey of Kaffir-Kot at all passes from Bannu, crossing the frontier to north and west, completing the frontier survey to Bannu—exploration of route from Bannu to Ghazni, including survey of Darwar, Birmal, and country west of Waziristan—survey of Gomal river and contiguous passes to junction of Zhob and Gomal—survey of Takht-i-Suliman mountain and passes north of it, including the Sherani country—exploration of Eastern Afghanistan to Lake Abistada—survey of the Vehowa basin and routes across the Suliman range, thus completing the frontier survey as far south as Vehowa; appointed to charge of Baluchistan frontier party in October 1883; furlough to Europe for 1 year from 8th March 1884; recalled for service with the Zhob valley expedition in July 1884; transferred to charge of Afghan Boundary survey in September 1884. Officiating Deputy Superintendent, 2nd grade, from 3rd December 1884 to 6th November 1885 and from 21st April to 19th November 1886; returned to India, 1st November 1886; on duty at India Office for writing Afghan Boundary Commission report for 4 months, from 25th November 1886. Availed himself of the unexpired portion of furlough from 25th March 1887. Extension on medical certificate, from 10th November 1887 to 14th April 1888. Brevet Lieutenant-Colonel, 16th February 1887. Posted to the charge of Drawing Office, Trigonometrical Branch, on 14th April 1888. Officiating Deputy Superintendent, 2nd grade, from 17th July 1888. Was in charge of No. 16 Party (Baluchistan II) from 18th to 30th September 1888, after which date the party was disbanded. In charge No. 15 Party (Baluchistan) from 3rd November 1888, in addition to his other duties.

War Services.—Served on special duty during the Bhutan campaign from October 1865 to close of campaign; present with the Buxa column to its furthest advance, and subsequently with the Dewangiri column; despatches not published—frontier medal and clasp for Bhutan; served on special survey duty during the Abyssinian campaign from December 1867 to close of campaign; mentioned in despatches, and services commended by Secretary of State for War—medal. Served on special survey duty during the first period of the Afghan campaign in Southern Afghanistan; completed the Topographical survey of the Kadanai valley and the route from Pishin to India *viâ* Thal-Chotiali; mentioned in despatches; services commended by Governor General in Council and Secretary of State for India; appointed to charge of survey operations in Northern Afghanistan during second period of campaign; present at Kabul during the winter of 1879-80; siege and defence of Sherpur; appointed Assistant Field Engineer during the defence; mentioned in despatches; present during the occupation of the Lughman Valley, expeditions to Kohistan, Logar, Wardak, &c.,—medal with clasp for Kabul; services commended by Governor General in Council and Secretary of State for India; Brevet Major, March 1881

served in charge of survey operations during the Waziri expedition of 1881; present during skirmish when survey party was attacked on Shaidar mountain; mentioned in despatches; Takht-i-Suliman survey expedition, December 1883; led the flanking party up the mountain by night, which dispersed the Kedarzais who held the summit.

Literary Work.—Contributed to the records of the Royal Geographical Society and the Encyclopædia Britannica on the subject of the geography of Afghanistan and the Indian frontier; contributed also occasional papers to the journal of the Royal United Service Institute, of which the principal was a paper read in 1878 advocating instruction in Indian and continental methods of topography at the military schools of England; instruction in the use of the plane table being now universal, this paper may possibly claim to have been useful towards its introduction. Lectures on Geographical Surveying at Royal Engineers Institute, Chatham, in February 1888. Received the Gold Medal of the Royal Geographical Society for Afghan Boundary Commission Surveys in May 1887.

LIEUTENANT-COLONEL JAMES WATERHOUSE, *Bengal Staff Corps, Officiating Deputy Superintendent, 2nd Grade, and Assistant Surveyor-General.*—Joined the service as 2nd Lieutenant, Bengal Artillery, 10th June 1859; arrived in the country, 11th October 1859; services placed temporarily at the disposal of the Foreign Department for special duty, 15th November 1861; left regimental duty, 16th January 1862; returned to regimental duty, 21st December 1862; appointed Officiating Commissary of Ordnance, 3rd class, 13th April 1866; services placed at the disposal of the Government of Bengal, 5th June 1866; appointed Assistant Revenue Surveyor, Lower Provinces, 27th June 1866; services placed at the disposal of the Government of India, Home Department, 7th July 1866; appointed Assistant Surveyor with superintendence of the photo-zincographic operations in the Office of the Surveyor General of India, 18th July 1866; joined the Survey Department, 22nd July 1866; leave on medical certificate to Europe, 25th March 1867 to 17th February 1869; re-appointed Assistant Surveyor, 2nd grade, 17th February 1869; gazetted Lieutenant in Bengal Staff Corps, 9th October 1869; promoted to 1st grade Assistant Superintendent of Survey from 17th June 1870; promoted to Captain, Staff Corps, 10th June 1871; attached to Colonel Tennant, R.E., for duty with the Indian Eclipse Expedition from 21st November 1871 to 8th January 1872; attached to Colonel Tennant, R.E., for duty in observing the Transit of Venus from 10th October 1874 to 1st January 1875; in charge, Indian Eclipse Expedition to Nicobar Islands from 11th March to 18th April 1875; Officiating Deputy Superintendent of Survey, 3rd grade, from 26th March 1875; reverted to Assistant Superintendent, 1st grade, 19th September 1876; Officiating Deputy Superintendent of Survey, 3rd grade, from 23rd November 1877; reverted to Assistant Superintendent, 1st grade, 7th January 1878; Officiating Deputy Superintendent, 3rd grade, from 1st February 1878; on special duty in Europe from 10th October 1878 to 8th November 1878; Officiating Deputy Superintendent, 3rd grade, from 9th November 1878 to 6th May 1879, and from 1st November to 11th December 1879; furlough to Europe on private affairs from 12th December 1879; resumed charge of the Photographic Office, Calcutta, 26th December 1881; Officiating Deputy Superintendent, 3rd grade, from 26th December 1881; promoted to Deputy Superintendent (new), 4th grade, 1st July 1882; continued to officiate as Deputy Superintendent, 3rd grade; confirmed 10th January 1884; Officiating Deputy Superintendent, 2nd grade, from 3rd December 1884 up to 6th November 1885; promoted to the rank of Lieutenant-Colonel, 10th June 1885; furlough to Europe for 250 days from 21st March 1886: extension for 18 days; returned from furlough, 14th December 1886; resumed charge of the Photographic and Lithographic Offices, Calcutta, 17th December 1886. Officiating Deputy Superintendent, 2nd grade, from 1st January 1887 up to 23rd October 1887, and again from 1st September 1888.

Literary Works.—Wrote a report on the Cartographic Applications of Photography as used in the Topographical Departments of the Principal States in Central Europe, containing notes on the European and Indian Surveys, and on the application of Photography to surveying—published by the Superintendent, Government Printing, Calcutta, 1870; also a pamphlet on "The application of Photography to the Reproduction of Maps and Plans by Photo-mechanical and other Processes" originally submitted to the Geographical Congress at Paris in 1875, but published, *in extenso*, in the Journal of the Asiatic Society of Bengal, Part II, No. 2, 1878; also papers relating to Surveys in Afghanistan, Tidal Surveys, Spectroscopic Photography and Photo-mechanical Printing in Asiatic Society's Journal, and a series of papers on Photozincography published in the Photographic News, 1881 to 1884.

LIEUTENANT-COLONEL MALCOLM W. ROGERS, *Royal Engineers, Officiating Deputy Superintendent, 2nd Grade.*—Joined the service as a Gentleman Cadet in February 1860; appointed Lieutenant in the Royal Engineers, 18th December 1861; served as Division Officer, Cork, Ireland, from 1864 to 1865; landed in India, 20th October 1865; served with the Bengal Sappers and Miners until 4th July 1866; appointed Assistant Surveyor, 2nd grade, Great Trigonomet-

rical Survey of India, on 5th July 1866; promoted to Assistant Surveyor, 1st grade, 5th December 1868; Officiating Deputy Superintendent, 3rd grade, from 18th December 1870; reverted to Assistant Superintendent, 1st grade, 1st November 1872; Officiating Deputy Superintendent, 3rd grade, from 6th April 1873; furlough on private affairs from 1st November 1873; Captain, 11th December 1873; returned to India and appointed Officiating Deputy Superintendent, 3rd grade, 28th October 1874; reverted to Assistant Superintendent, 1st grade, from 1st January 1878; Officiating Deputy Superintendent, 3rd grade, from 15th February 1878; reverted to Assistant Superintendent, 1st grade, 26th April 1879; Officiating Deputy Superintendent, 3rd grade, 12th December 1879; furlough to Europe for 1 year and 4 days, 1st May 1880; returned from furlough, 15th June 1881; Officiating Deputy Superintendent, 3rd grade, 15th June 1881; promoted to rank of Brevet Major, 2nd March 1881; to Major, 18th December 1881; and to Deputy Superintendent (new), 4th grade, 1st July 1882, continuing to officiate as Deputy Superintendent, 3rd grade; officiated as Assistant Surveyor-General in charge Mathematical Instrument Office and Correspondence Office, Headquarters, Calcutta, from 19th April 1883; confirmed 23rd May 1884; confirmed as Deputy Superintendent, 3rd grade, 7th August 1884; furlough to Europe for 1 year and 185 days from 21st March 1886. Returned from furlough on the 18th September 1887 and posted on duty in the Trigonometrical Branch Office at Dehra Dun on the 26th September 1887. In charge computing party from 6th January to 9th April 1888. Posted to No. 25 Party (Tidal and Levelling) from 10th April, and assumed charge thereof on 16th May 1888. Officiating Deputy Superintendent, 2nd grade, from 1st November 1888. Promoted to Half-pay Lieutenant-Colonel on 18th December 1888.

War Services.—Served as Survey Officer with the 1st Division of the Quetta Field Force under Lieutenant-General D. Stewart, C.B., from 12th November 1878 to November 1879—mentioned in despatches—medal—brevet of Major.

MAJOR J. HILL, *Royal Engineers, Deputy Superintendent, 3rd Grade.*—Obtained his commission as Lieutenant in the Royal Engineers; joined at Chatham on the 25th June 1862, and after serving at the S. M. E., Chatham, and on the Plymouth Defences, arrived in India on the 10th December 1865; joined Bengal Sappers and Miners at Roorkee, 27th January 1866; appointed Assistant Surveyor (then designation for Assistant Superintendent), 2nd grade, Great Trigonometrical Survey of India, 4th December 1866; posted to Kumaon and Garhwal Series, Great Trigonometrical Survey, 28th December 1866; sick leave to Europe from 11th November 1868 to 30th October 1869; promoted to Assistant Superintendent, 1st grade, Great Trigonometrical Survey, 30th October 1870; assumed charge of the Kumaon and Garhwal Series, 11th February 1871; Officiating Deputy Superintendent, 3rd grade, 1st April 1871; reverted to substantive appointment of Assistant Superintendent, 1st grade, 4th April 1872; Officiating Deputy Superintendent, 3rd grade, 23rd August 1873; relieved of charge of Kumaon and Garhwal Series, 1st October 1873; assumed charge of Bombay Party, 28th October 1874; Local Captain, 25th June 1874; reverted to substantive appointment of Assistant Superintendent, 1st grade, 28th October 1874; relieved of charge of Bombay Party, 19th October 1879; furlough to Europe from 20th January 1875 to 27th January 1877; promoted to Captain, 16th September 1875; rejoined appointment in India, 28th January 1877; assumed charge of the Eastern Frontier Series, 17th March 1877; Officiating Deputy Superintendent, 3rd grade, 1st April 1878; reverted to substantive appointment of Assistant Superintendent, 1st grade, 22nd April 1879; furlough to Europe for 182 days, 26th May 1879; returned from furlough and resumed charge of Eastern Frontier Series, 25th December 1879; Officiating Deputy Superintendent, 3rd grade, from 9th April 1880; promoted to Major, 25th June 1882; Deputy Superintendent, 4th grade, 1st July 1882; continued to officiate as Deputy Superintendent, 3rd grade, up to 8th January 1883, and again officiated in the same grade from 12th February 1883 up to 30th September 1884; assumed charge of Tidal and Levelling Party, 4th April 1884; attached to Afghan Boundary Commission, 1st September 1884; promoted to Deputy Superintendent, 3rd grade, 1st October 1884; assumed charge of Konkan Topographical Survey Party, 2nd October 1884; temporarily transferred to the charge of the Tidal and Levelling Party, 6th July 1885; resumed charge of South Maratha Topographical Survey Party, 23rd October 1885; re-transferred to Tidal and Levelling Party, 29th December 1885, and assumed charge thereof, 20th January 1886; Officiating Deputy Superintendent, 2nd grade, from 22nd April to 31st October 1886 and from 20th November to 8th December 1886, and again from 15th May 1887 up to 29th August 1887. Furlough to Europe for 1 year and 5 months, from 18th May 1888.

HENRY HÖRST, *Deputy Superintendent, 3rd Grade.*—Appointed Librarian and Accountant to the Thomason Civil Engineering College, Roorkee, 1st January 1853 up to 31st August 1854; appointed as a 3rd class Sub-Assistant in the Great Trigonometrical Survey (without break of service), 1st September 1854; transferred to the Topographical Survey on Major-General Sir

A. Waugh's retirement; promoted to the Senior Department, 1st April 1868; officiated as Surveyor, 3rd grade, from 16th October 1868 to 4th April 1869; promoted to Assistant Superintendent, 1st grade, 1st October 1869; officiated as Deputy Superintendent, 3rd grade, from 1st January to 11th October 1879; furlough to Europe for 2 years from 5th June 1879; extension for 3 months, with further extension on subsistence allowance, till 12th September 1882; promoted to Deputy Superintendent (new), 4th grade, 1st July 1882; Officiating Deputy Superintendent, 3rd grade, from 13th September up to 31st December 1882, and from 14th March 1883 up to 9th November 1884; confirmed, 10th November 1884. Services—Assisted in the Topographical Survey of the Jhelum and Rawal Pindi Districts till its completion; Gwalior and Central India Survey, Rajputana Survey, and in charge of same for nine months; Simla Survey, Bhopal and Malwa Survey; appointed to the charge of No. 2 Topographical Party or Khandesh and Bombay Native States Survey, 18th October 1874 to 4th June 1879; in charge of No. 7 Topographical Party from 14th December 1882, and commenced survey of Reserved Forest Tracts in Burma; Officiating Deputy Superintendent, 2nd grade, from 4th May to 17th August 1886. Furlough for 18 months from 1st December 1887.

War Services.—In charge of picket which repulsed night attack on the Murree Sanitarium in September 1857—Mutiny medal; gave information, through Captain W. G. Murray, to the General Commanding the Agra Division in 1862, which led to the seizure of Harbuns Ram, Soubah of Dholpur, and dispersion of 6,000 troops he had quietly collected in the Chumbal ravines for a revolt.

William Hammond Gole, M.A., Cantab., F.R.A.S., F.R.G.S., *Deputy Superintendent, 3rd Grade.*—Appointed to the Educational Department, North-Western Provinces, direct from England 14th April 1862, as Professor of Mathematics at the Government College, Agra; sick leave from 9th September to 8th November 1863; permitted to resign appointment from 1st March 1864 on account of continued ill-health; after nearly three years' residence at Mussooree as Mathematical Master at Mr. Maddock's School, was re-appointed to the Government service, 3rd January 1867 as Probationary Assistant Surveyor in the Great Trigonometrical Survey of India, and Assistant to the Officer in charge of the Computing Office, being at the same time placed in charge of the Photozincographic Branch of the Computing Office, Dehra; appointed Assistant Surveyor, 2nd grade, on 1st September 1867; conducted the duties of the Computing Office in all its branches from middle of December 1867 to beginning of April 1868, during the absence of Mr. J. B. N. Hennessey, M.A.; designation changed to Assistant Superintendent of Survey, 1st September 1869; promoted to 1st grade, 4th December 1870; officiated as Deputy Superintendent, 3rd grade, from 1st April 1871 to 16th December 1871; officiated again in this grade from 2nd November 1873 to 30th September 1874; officiated again as Deputy Superintendent, 3rd grade, and held charge of the Computing Office from 4th January 1875 to 27th March 1876; furlough on private affairs from 27th March 1876 to 21st March 1877; on amalgamation and reduction of the three branches of the Survey Department on the 1st January 1878, reverted to the 2nd grade of Assistant Superintendent officiating in 1st grade; again promoted to 1st grade, 27th October 1878; officiated as Deputy Superintendent, 3rd grade, from 14th December 1880 to 14th June 1881, and again from 24th April to 14th May 1882; promoted to Deputy Superintendent, 4th grade, 1st July 1882; officiated as Deputy Superintendent, 3rd grade, from 7th November to 5th December 1882, and again from 20th April 1883 to 27th November 1884; officiating in charge Head-quarters Office, Dehra Dun, and Survey Detachment in Kashmir, 12th February 1883; confirmed with effect from 12th January 1884; promoted to Deputy Superintendent, 3rd grade, 28th November 1884. Charge of Coast Party from 1st July to 1st August 1887 in addition to his other duties. Furlough to Europe for 1 year, from 12th January 1888. Extension for 6 weeks.

Literary Works.—Took part in the compilation of Volumes I to IV, IVA, and VI to VIII of the "Account of the Operations of the Great Trigonometrical Survey of India," to which he contributed several Mathematical and Scientific papers in the form of Appendices, also in the compilation of the 21 Volumes of "Synopsis of the Results of the Operations of the Great Trigonometrical Survey of India;" translated from the German, "Hansen's Treatise on the Method of Minimum Squares generally and in its Application to Geodesy," in connection with the final reduction of the triangulation of India by this method; also made several other translations of a minor character in connection with his official work.

Lieutenant-Colonel Andrew Wilson Baird, F.R.S., A.I.C.E., F.R.G.S., *Royal Engineers, Officiating Deputy Superintendent, 2nd Grade.*—Joined the service, 18th December 1861 as Lieutenant, R.E.; arrived in India, 4th March 1863; served with the Bombay Sappers and Miners from 2nd April till 4th May 1864, when he was appointed to Bombay Public Works Department as Probationary Assistant Engineer; Assistant Engineer, 2nd grade, 28th March 1865; promoted to 1st grade, 1st April 1865; employed up to December 1865 in the Harbour Defences of Bombay, and held charge of the works at Ponpir and the construction of the Middle Ground and Oyster Rock batteries; appointed Special Assistant for Reclamations, 7th

December 1865; constructed the Workshops and Boat Basins, and erected all the machinery for the Government Reclamation Works at Mody Bay; promoted to Executive Engineer, 4th grade, 2nd October 1867; appointed Assistant Field Engineer with the Abyssinian expedition, 30th January 1868; returned from Abyssinia, July 1868; continued under Military Department till November 1868, to arrange for the disposal of the Railway stores and Engineer stores and plant, sent back from Abyssinia; appointed to the Trigonometrical Survey of India as Assistant Surveyor (corresponding to present Assistant Superintendent), 2nd grade, 4th December 1868; employed on Triangulation in the Kattywar and Guzerat Parties, 1868 to 1870; furlough to England for one year and 7 months on medical certificate, 14th May 1870; in July 1871, while on furlough, was specially employed by order of the Secretary of State to study the practical details of Tidal observations, and their Reductions by Harmonic Analysis, as carried on under the superintendence of Sir William Thomson; promoted Assistant Superintendent, 1st grade, October 1871; on return to India in April 1872 did duty with the Kattywar Party; in November 1873 organized the Bombay Tidal and Levelling Party; employed until March 1874 in carrying out a reconnaissance of the Gulf of Cutch and in selecting sites for the three Tidal observatories, and afterwards engaged in Bombay in fitting up, modifying, and testing the Tide gauges; Local Captain, 18th December 1873; Captain, 4th April 1874; under the re-organization of the Department, reverted to Assistant Superintendent, 2nd grade, May 1874; completed the Tidal observations on Gulf of Cutch, and dismantled the observatories in June 1875; employed on the connected Levelling Operations in Kattywar and Guzerat up to the end of season 1875-76; on special duty in England from September 1876 to May 1877, carrying out the calculations for reducing total observations of Gulf of Cutch; by order of the Secretary of State remained at Aden (*en route* to India) to report on the Tidal observations which had been taken there by the Public Works Department, and to arrange for future observations; returned to India, June 1877; in July 1877, was appointed to the general superintendence and control of Tidal observations upon the Indian coasts, and was empowered to make all arrangements in direct communication with the Governments of the Maritime provinces; these operations have gradually been extended until twenty Tidal observatories (in India, Burma, and Ceylon) have been simultaneously at work, and some six thousand miles of Levelling operations of precision have been carried out; promoted to Assistant Superintendent, 1st grade, 1st January 1879; on deputation as Commissioner, Venice Geographical Congress and Exhibition in August and September 1881; the Survey of India exhibited a complete set of Tidal apparatus, diagrams, &c., and thus was represented in class II, Hydrography, in which class a Diploma of Honour was awarded to the Department; furlough to Europe for 1 year and 148 days from 16th October 1881; promoted to Major, 18th December 1881; Deputy Superintendent, 4th grade (new), 1st July 1882; returned from furlough and resumed charge, Tidal and Levelling Operations, 20th April 1883; Officiating Deputy Superintendent, 3rd grade, from 29th May 1883 to 3rd April 1884; leave to Europe on urgent private affairs, 4th April 1884 to 28th September 1884; Officiating Deputy Superintendent, 3rd grade, and resumed charge, Tidal and Levelling operations, from 1st October 1884; Officiating Master of the Mint, Calcutta, from 11th July to 12th October 1885, and from February to 30th September 1886; Officiating Mint Master, Bombay, from 1st October 1886 to 5th January 1887. Reverted to the Survey Department, and after return from privilege leave appointed to officiate as Assistant Surveyor General, from 8th June 1887. Furlough, private affairs, for 11 months and 9 days, from 11th November 1887 afternoon to 19th October 1888. Officiating Mint Master, Bombay, from 20th October 1888 to 22nd December 1888. Officiating Deputy Superintendent, 2nd grade, from 23rd December 1888. Promoted to half pay Lieutenant-Colonel on 18th December 1888. On duty at Head-Quarters from 1st January 1889.

War Services.—Served with the Abyssinian Field Force in 1868 as Assistant Field Engineer and appointed Traffic Manager of the Railway; mentioned in despatches for zeal and management in bringing safely and expeditiously troops and baggage for embarkation—medal.

Acknowledgment of Services by Government.—Thanks of Government of Bombay for articles in the *Bombay Gazetteer* on Gulf of Cutch and Little Runn,—G. O. No. 139, 13th July 1881; thanks of Government of Bombay for contribution to the Statistical Account of Kattywar in the *Bombay Gazetteer*, G. O. No. 2744, 4th August 1884; recommended to the Secretary of State by Sir H. Thuillier, the Chief of the Indian Commission, that services at the Venice Congress should be suitably recognized; Secretary of State's cordial acknowledgments of the same, letter No. 1347, 15th December 1881, and thanks of Government of India also conveyed in No. 11 Ex., Revenue, Agriculture, and Commerce Department, 13th January 1882; special mention of services in Government of India Resolution of Great Trigonometrical Survey Operations in 1873-74, also in 1874-75; elected Fellow, Royal Society, May 1885; medal of the 1st class awarded by the Geographical Congress at Venice in 1881 for organization and improvements in Tidal Observations; elected Associate Institute Civil Engineers, May 1881.

Literary Work of a Public or Official character.—Articles on the Gulf of Cutch, Little Runn, and Gulf of Cambay for the *Bombay Gazetteer*. Notes on the Harmonic Analysis of Tidal Observations published by order of the Secretary of State, London, 1872. Paper on the Tidal Observations of the Gulf of Cutch read before the British Association, 1876. Account of the Tidal Disturbances caused by the Volcanic Eruption at Krakatoa (Java) in August 1883, presented to the Royal Society. Auxiliary Tables (two Pamphlets) to facilitate the calculations of Harmonic Analysis of Tidal Observations published in India, 1879 and 1882. Joint Report with Professor G. H. Darwin, F.R.S., &c., &c., of the results of the Harmonic Analysis of Tidal Observations presented to the Royal Society and reprinted from their Proceedings, March 1885. Account of the Spirit-Levelling Operations of the Great Trigonometrical Survey of India read before the British Association in 1885, and afterwards printed among the supplementary papers of the Royal Geographical Society. Manual of Tidal Observations published at the expense of the British Association. Tide Tables for India Ports prepared annually by Major Baird and Mr. Roberts of the Nautical Almanac Office by order of the Secretary of State for India.

MAJOR J. R. MCCULLAGH, *Royal Engineers, Deputy Superintendent, 3rd Grade.*—First commission, 18th December 1861; joined at Chatham, February 1862; joined at Belfast, June 1864; landed at Calcutta, 20th October 1865; joined Head-quarters, Bengal Sappers and Miners, Roorkee, 27th October 1865; Officiating Doing Duty Officer, 27th January 1866; Command of Detachment, 1st and 3rd Companies, B. S. and M., at Peshawur, 30th April 1866; passed Lower Standard, Hindustani; Permanent Doing Duty Officer, 4th July 1867; Officiating Adjutant and 2nd-in-Command, B. S. and M., 17th April 1868; appointed to the Public Works Department, 6th November 1868; appointed to the Great Trigonometrical Survey of India, 1st March 1869, as Assistant Surveyor, 2nd grade; officiating in charge, Guzerat Party, ten months, 1870-71; Assistant Superintendent, 1st grade, 1st January 1872; Captain, 11th December 1873; under the re-organization, became Assistant Superintendent, 2nd grade, 1st April 1874; furlough to Europe from 1st November 1873 to 27th October 1874; Officiating Assistant Superintendent, 1st grade, 28th October 1874; charge of No. 1 Extra Party, 13th November 1874; Officiating Assistant Superintendent, 1st grade, in charge No. 9 Party, Mysore Topographical Survey, 1st August 1875; reverted, 12th April 1877; Officiating Assistant Superintendent, 1st grade, in charge No. 8 Party, Mysore Topographical Survey, 27th April 1877; furlough to Europe, with six months' duty at Chatham in addition, from 5th November 1877 to 5th May 1879; Officiating Assistant Superintendent, 1st grade, 6th May 1879, and attached to Mysore Topographical Survey; promoted to Assistant Superintendent, 1st grade, on 14th December 1880; joined Hanthawaddy District Cadastral Survey in British Burma on 2nd June 1881, and received charge of party on 1st August 1881; promoted to Major, 18th December 1881; Deputy Superintendent (new), 4th grade, 1st July 1882; Officiating Deputy Superintendent, 3rd grade, from 1st November 1883 to 23rd March 1884, and again from 4th April to 15th March 1886; assumed charge of Mysore Topographical Survey, 20th March 1884; furlough to Europe for one year, from 26th March 1886, on medical certificate; extension of 6 months. Further extension of 6 months. Deputy Superintendent, 3rd grade, from 1st January 1887. Returned from furlough and held temporary charge of No. 4 Party (Basti) from 25th January to 4th May 1888. Transferred to No. 19 Party (Madras), from 5th May 1888, and assumed charge on the afternoon of 20th June 1888. Officiating Deputy Superintendent, 2nd grade, from 15th November to 22nd December 1888.

War Services.—Appointed Assistant Field Engineer to the Bhutan Field Force, and to command No. 2 Company, B. S. and M., 3rd January 1866—medal and clasp.

LIEUTENANT-COLONEL JOHN RANDAL WILMER, *Bengal Staff Corps, Deputy Superintendent, 3rd Grade.*—Joined the service as Lieutenant in the Royal Artillery on the 22nd June 1859; joined the Battery at Guernsey, 1st August 1859; arrived in India on 27th October 1860; Acting Adjutant, 11th Brigade, Royal Artillery, for one month, May 1863; held command of G-11, Royal Artillery, from 22nd September 1864 till 24th March 1866 (one year and six months); leave on private affairs, 7th May 1866 to 7th August 1866 (three months); Acting Adjutant, 11th Brigade, September and October 1867; embarked for England with G-11, Royal Artillery, on 20th November 1867; leave on private affairs, 18th February 1868 to 18th April 1868; returned to India and joined 3-22nd Royal Artillery, 28th April 1869; officiated as a 3rd class Commissary of Ordnance, from 22nd June 1869 to 23rd August 1869; appointed to Staff Corps, 24th August 1869; Assistant Superintendent, Topographical Survey, 24th August 1869; sick leave from 19th December 1871 to 2nd March 1872; promoted to Brevet Captain, 22nd June 1871; promoted to Assistant Superintendent, 1st grade, Topographical Survey, 28th August 1872; substantive Captain in Staff Corps, 24th August 1873; appointed to charge of No. 5 Topographical Survey Party, 12th October 1874; reverted to Assistant Superintendent, 2nd grade, on amalgamation of the Surveys; Officiating Assistant Superintendent, 1st grade, 1st January 1878; promoted to Major, 22nd June 1879; promoted

to Assistant Superintendent, 1st grade, 24th April 1882; promoted to Deputy Superintendent (new), 4th grade, 1st July 1882; Officiating Deputy Superintendent, 3rd grade, from 5th to 13th March, 30th April to 8th May, 7th to 24th August, and from 24th September 1884 up to 31st October 1886; promoted to the rank of Lieutenant-Colonel, 22nd June 1885; appointed to charge of Baluchistan Survey Party from 1st October 1885 to 31st October 1886; furlough to Europe for 1 year, from 10th November 1886, on medical certificate. Extension of 6 months. Further extension for 6 months. Promoted to Deputy Superintendent, 3rd grade, 19th February 1887. Returned from furlough 18th October 1888 and assumed charge of No. 14 Party (Hoshangabad) on the 23rd idem.

LIEUTENANT-COLONEL S. H. COWAN, *Bengal Staff Corps, Deputy Superintendent, 3rd Grade.*—Cadet at the Military College, Addiscombe, from January 1858; received commission as Lieutenant, Bengal Artillery, 9th December 1859; arrived in India, 9th April 1860; served with Bengal Artillery Depôt at Meerut, April 1860; posted to 4th Company, 3rd Battalion, Bengal Artillery; served with D Battery, 16th Brigade, Royal Artillery, February 1861; appointed in the Ordnance Department, 4th October 1866; admitted to Staff Corps, 19th January 1867; appointed Assistant Superintendent, 3rd grade, in the 4th Division Survey, Bengal, 19th January 1867; appointed Assistant Superintendent, 2nd grade, 17th March 1868; went on furlough to Europe, 30th May 1870; promoted to Captain (Brevet), 9th December 1871; returned from furlough, 3rd May 1872; transferred to 1st Division (Assam) Survey, 1st June 1872; promoted to Captain, 24th December 1872; went on sick leave to Europe, 16th July 1875; returned from Europe, 7th November 1876; transferred to Behar Irrigation Survey, 30th November 1876; transferred to Head-quarters Office, 1st March 1878; transferred to take charge of Cachar Survey, 23rd November 1878; transferred to Head-quarters Office, Photographic Branch, 14th November 1879; promoted to Major, 9th December 1879; on special duty, Surveyor General's Office, Photographic Branch, Calcutta, from 26th December 1881; assumed charge, Hooghly River Survey, 7th April 1882, and held it up to 24th July 1883; Assistant Superintendent, 1st grade (new), 1st July 1882; personal allowance of R100, 1st April 1881 till promotion to Deputy Superintendent, 2nd grade; Officiating Deputy Superintendent, 4th grade (new), from 1st July 1882 up to 28th April 1883, and confirmed in that grade, 29th April 1883; furlough to Europe from 7th August 1883; assumed charge of Benares and Basti Districts (Cadastral) Survey, North-Western Provinces, from 11th December 1883; Officiating Deputy Superintendent, 3rd grade, from 6th to 13th March 1884, and again from 16th September 1884 to 16th July 1888; promoted to Lieutenant-Colonel, 9th December 1885. Confirmed as Deputy Superintendent, 3rd grade, from 17th July 1888.

LIEUTENANT-COLONEL EDWARD HARRIS STEEL, *Bengal Staff Corps, Officiating Deputy Superintendent, 3rd Grade.*—Received commission as Lieutenant, Bengal Artillery, from the Royal Military College at Addiscombe on 8th June 1860; arrived in India, 11th October 1860; leave on medical certificate to hills north of Kumaon from 10th June to 1st November 1861; leave on medical certificate to Europe from May 1865 to June 1866, after Bhutan campaign; appointed Assistant Superintendent of Survey, 2nd grade, Survey Department, 1st February 1867, in Assam; leave to Europe on medical certificate, December 1867 to December 1868; returned to Regiment of Royal Artillery; re-appointed and rejoined Survey Department as Assistant Superintendent, 2nd grade, on 26th January 1869; admitted to Staff Corps, 26th January 1869; Captain, Staff Corps, 26th January 1873; in charge 2nd Division, Revenue Branch, from 2nd November 1876 to 19th April 1877, and again from 18th July to 18th November 1877; Officiating Assistant Superintendent, 1st grade, from 1st to 11th January 1878, again from 1st February to 6th May 1879; Officiating Assistant Surveyor-General, 17th March 1878 to 9th October 1879; Officiating Assistant Superintendent, 1st grade, from 20th June to 10th October 1879; in charge of Gwalior and Central India Topographical Party from 20th October 1879 to 18th October 1880; promoted to Major, 8th June 1880; Officiating Assistant Superintendent, 1st grade, from 1st November 1879 to 7th December 1881; personal allowance of R100, 1st April 1881 until promotion to Deputy Superintendent, 2nd grade; transferred to charge of Bassein District Survey from 20th November 1880; furlough on medical certificate from 8th December 1881; extension for 6 months; further extension for 4 months and 10 days; Assistant Superintendent (new), 1st grade, 1st July 1882; returned from furlough, 22nd October 1883; Officiating Deputy Superintendent, 4th grade, from the same date; assumed charge of Aligarh and Etah Districts Topographical Survey, North-Western Provinces, 27th October 1883 to 26th January 1884; confirmed as Deputy Superintendent, 4th grade, from 10th January 1884; superintending detached parties working in Dehra Dun, Chattisgurh, and Ajmere, from 27th January 1884; resumed charge of Aligarh and Etah Districts Topographical Survey, North-Western Provinces, 7th August 1884; Officiating Deputy Superintendent, 3rd grade, from 3rd December 1884 to 15th November 1885; transferred to charge of Bilaspur District Cadastral Survey, 4th November 1885, together with superin-

tendence of Ajmere Survey Detachment; Officiating Deputy Superintendent, 3rd grade, from 21st January 1886 to 25th October 1886; promoted to Lieutenant-Colonel, 8th June 1886; furlough to Europe (on medical certificate) from 10th November 1886. Returned from furlough and resumed charge of No. 2 Party (Bilaspur), 24th November 1887; Officiating Deputy Superintendent, 3rd grade, from the same date up to the present time.

War Services.—Served with Khasi and Jaintia Field Force from December 1862 to May 1863; served with Bhutan Field Force from November 1864 to April 1865; present at taking of Dewangiri—medal and clasp.

LIEUTENANT-COLONEL H. S. HUTCHINSON, *Bengal Staff Corps, Officiating Deputy Superintendent, 3rd Grade.*—Cadet at the Military College, Addiscombe, from January 1858 to December 1859; appointed a Lieutenant in the Bengal Artillery on 9th December 1859; landed in India, 9th April 1860; served with the Artillery at Meerut, Lahore, and Peshawur up to 9th April 1865; appointed to No. 1 Light Field Battery, Punjab Irregular Force, on 10th April 1865, per G. G. O. No. 380 of 1865; served with it at Bannu and Dera Ismail Khan up to 12th August 1867; appointed as Probationary Assistant Superintendent of Survey in the 3rd Division, Central Provinces, on 13th August 1867, and appointed to the Staff Corps on the same date; promoted to 2nd grade Assistant Superintendent of Survey on 13th August 1868; served with the 3rd Division up to 20th May 1870; furlough to Europe on medical certificate from 21st May 1870 to 31st December 1871; promoted to local rank of Captain on 9th December 1871; served with the 4th Division, Central Provinces Survey, from 1st January 1872 to 30th September 1872; appointed to 11th Deccan Topographical Survey on 1st October 1872; promoted to substantive rank of Captain on 25th March 1873; Officiating Assistant Superintendent of Survey, 1st grade, from 1st January 1878; promoted to Major, 9th December 1879; served with Ghazipur Cadastral Survey from 1st January to 3rd April 1881; in temporary charge of the Darjeeling Survey Party from afternoon of the 8th April 1881; on duty, Head-quarters Office, Calcutta, from 2nd August 1881; furlough on medical certificate from 29th August 1881 to 27th October 1882; Assistant Superintendent (new), 1st grade, 1st July 1882; personal allowance of ₹100 from 1st April 1881 until promotion to Deputy Superintendent, 2nd grade; Officiating Deputy Superintendent, 4th grade, from 29th October 1882 up to 6th August 1884; doing duty in the Head-quarters Office, Calcutta, from 30th October to 25th November 1882; transferred to Bassein District Cadastral Survey, 26th November 1882; received charge of this Survey, 29th May 1883; confirmed in the 4th grade of Deputy Superintendent, 7th August 1884; Officiating Deputy Superintendent, 3rd grade, from 6th July to 12th October 1885; transferred to charge of Akyab District Cadastral Survey, 22nd October 1885; Officiating Deputy Superintendent, 3rd grade, from 26th October to 6th November 1885; promoted to Lieutenant-Colonel, 9th December 1885; Officiating Deputy Superintendent, 3rd grade, from 3rd February to 8th March 1886, and from 10th March 1886 up to the present time. Assumed charge of No. 10 Party (South Maratha), 22nd October 1887.

EDWIN CLIFFORD BARRETT, *Officiating Deputy Superintendent, 3rd Grade.*—Joined the Right Bank Indus-Sind Revenue Survey as Probationary Assistant Surveyor, 18th November 1862; Sub-Assistant, 3rd grade, 1st January 1864; transferred to Central Provinces (Chanda District) Survey, 1st February 1865; passed the examination laid down in G. O. P. C. No. 244, dated 19th April 1851, as prescribed for the Senior Department, and appointed Assistant Superintendent, 2nd grade, 30th December 1868; sick leave for one month from 20th June 1869; transferred to the Raipur District Survey (2nd Division, Central Provinces), 1st November 1869; passed the Higher Standard Examination in Hindustani, 20th October 1871; was one of the staff of Survey officers who accompanied the Right Column, Lushai Expeditionary Force, in 1871-72; officiated as Assistant Superintendent, 1st grade, from 30th December 1871 to 3rd March 1872; transferred to the 1st Division, Bahawalpur, from 1st June 1872; transferred to the 4th Division, North-Western Provinces, 1st October 1872; officiated as Assistant Superintendent, 1st grade, from 6th July 1873 to 4th November 1873, and again from 1st December 1873 to 14th January 1874; transferred to the Khurda Estate Survey, Orissa, 1st November 1876; in charge of the Khurda Estate Survey from 22nd July to 12th November 1877; Officiating Assistant Superintendent, 1st grade, from 1st April 1878; in charge of the Cuttack District Irrigation Survey from 23rd May to 28th November 1878; transferred to the 6th Division, North-Western Provinces, from 1st December 1878; transferred to Ghazipur Survey, 20th July 1879, thence to Bassein Survey, British Burma, 11th November 1879; furlough to Europe, 27th August 1880 to 12th July 1882; subsidiary leave from 13th to 23rd idem; doing duty in the Head-quarters Office, Calcutta, from 24th July to end of October 1882; Assistant Superintendent (new), 1st grade, 1st July 1882; Officiating Deputy Superintendent, 4th grade, from 24th July 1882 up to 30th September 1884; transferred to Burma Topographical Survey, British Burma, 1st November 1882; assumed charge of Hooghly River Survey which afterwards went to Assam and became Kamrup District, subsequently called Assam (Cadastral) Survey, 25th July 1883; confirmed in the 4th grade of Deputy Superin-

tendent, from 1st October 1884; Officiating Deputy Superintendent, 3rd grade, from 16th March 1886 up to the present time.

War Services.—Served with the Right Column, Lushai Expeditionary Force, in 1871-72—medal and clasp, and received the thanks of the Government of India.

LIEUTENANT-COLONEL REGINALD BEAVAN, *Bengal Staff Corps, Officiating Deputy Superintendent, 3rd Grade.*—Appointed as Ensign, 4th May 1860, General List, Infantry; 11th June 1860, arrived in India; attached for duty to 19th Foot at Benares; leave on medical certificate to Europe from 15th October 1860 till 11th October 1862 (exclusive); 1st January 1862, promoted to Lieutenant; in 1861, went through a course of instruction at the School of Musketry, obtained extra first class certificate; on return to India was attached * to 23rd Fusiliers at Fyzabad; marched with them to Agra; 27th March 1863, appointed Musketry Instructor to the 19th Hussars at Lucknow, marched with them to Meerut; held this appointment till 15th April 1865; leave on private affairs to the hills; 12th July 1865, took up the appointment of Quarter Master, 22nd Punjab Native Infantry, at Umballa; marched to Morar in May 1866; attended the officers' surveying class at Roorkee in the winter of 1867-68, first class certificates for surveying and field engineering; 9th September 1867, appointed to the Bengal Staff Corps; 17th July 1868, appointed to the Topographical Survey Department as Assistant Surveyor, 2nd grade (this appointment was afterwards cancelled and made probationary); joined No. 6 Party, Khasi, Garo, and Naga Hills Survey at Cherrapunji; 9th November 1869, promoted to Assistant Surveyor, 2nd grade; 1st May 1870, transferred to Revenue Branch and joined Hazaribagh Survey Party; 1st October 1870, transferred to Bahawalpur Party; 1st December 1870, transferred to Dera Ghazi Khan Survey; furlough (medical certificate) to England from 25th November 1871 to 22nd November 1872; joined 1st Division, Central Provinces Survey, 29th November 1872; on detached duty at Chandgurh from February to May 1873; on detached duty at Ahiri, Chanda District, during the field season of 1873-74; transferred to Dera Ismail Khan Survey, 1st October 1874; worked in Dera Ismail Khan, Bunnoo and Rawal Pindi Districts, and in the winter of 1877-78 in the Jowaki country and Kohat Pass; reduced to Assistant Superintendent, 3rd grade, 1st January 1878, by the operation of the new organisation of the Survey Department; 13th May 1878, officiating 1st grade Assistant Superintendent; 5th October, reverted to officiating 2nd grade; 27th October, promoted to 2nd grade (third time); 27th October, officiating 1st grade; 28th November, reverted to 2nd grade; 22nd December, officiating 1st grade; 4th February 1879, reverted to 2nd grade; promoted to Major, 4th May 1880; organised and took charge of the Baluchistan Topographical Survey from 27th July 1880; Officiating Assistant Superintendent, 1st grade, from 17th November 1880 to 30th June 1882; Assistant Superintendent (new), 1st grade, 1st July 1882; Officiating Deputy Superintendent, 4th grade, from 1st July 1882 up to 9th November 1884; assumed charge of No. 1 Topographical Party, 1st October 1883; promoted to Deputy Superintendent, 4th grade, from 10th November 1884; Officiating Deputy Superintendent, 3rd grade, from 21st March 1886 up to 7th June 1887; Officiating Assistant Surveyor-General in charge Cartographic, Engraving, and Map Record and Issue Offices from 17th April 1886; promoted to Lieutenant-Colonel, 4th May, 1886; furlough from 8th June 1887 to 6th December 1888. Returned from furlough on the 7th December 1888. Officiating Deputy Superintendent, 3rd grade, from that date up to the present time. Assumed charge of No. 20 Party (Burma) on the 20th December 1888.

* By Presidency Division Order of 4th November 1862.

War Services.—Attached to the Army operating in Southern Afghanistan from October 1878—medal; accompanied General Biddulph's Division to Girishk; mentioned in Lieutenant-General D. M. Stewart's despatches, and in Field Force Order by General Biddulph, dated 6th March 1879; engaged surveying in Southern Afghanistan and Baluchistan till 1st April 1880, and again from 27th July 1880; accompanied the Marri Field Force under Brigadier-General C. MacGregor in October and November 1880; accompanied the Bozdar Field Force under Brigadier-General H. C. Wilkinson in November and December 1881.

COLONEL ROBERT GOSSET WOODTHORPE, C.B., *Royal Engineers, Deputy Superintendent, 4th Grade.*—Joined the service, 25th June 1865; left Chatham, November 1867; employed in Works Department, Manufacturing District, in England, till May 1869; arrived in India, 25th November 1869; joined the Head-quarters, Bengal Sappers and Miners, at Chakrata, 24th December 1869; served with them till 31st May 1871; joined the Topographical Survey, No. 4 Party, 18th July 1871; transferred to No. 6 Party for service with the Lushai Expeditionary Force, October 1871; had charge of the Survey Party with the Garo Expedition in field season 1872-73; accompanied Captain Badgley in the Naga Hills Survey during field season 1873-74; Officiating Assistant Superintendent, 1st grade, 11th August 1873; reverted to Assistant Superintendent, 3rd grade, 1st April 1874, on amalgamation with Revenue Survey; separate charge, Naga Hills Survey Party, during field season 1874-75; re-appointed substantive Assistant Superintendent, 2nd grade, with effect from 1st April 1874;

employed in Head-quarters Office, Calcutta, as Assistant Surveyor-General, in charge Lithographic Branch, from July till 31st October 1875; separate charge, Naga Hills Survey, 1875-76; on death of Captain Butler, Political Agent, in January 1876, appointed Political Officer with the Survey (extra allowance, R200 per mensem for this additional work, and thanks of the Governor General in Council and Secretary of State for India); charge of North Lakhimpur Topographical Survey, 1876-77 (thanks of the Governor General in Council); charge of North Brahmaputra Topographical Survey, 1877-78; Captain, 22nd May 1878; Officiating 1st grade Assistant Superintendent, 28th May 1878; reverted to Officiating 2nd grade, 12th August 1878; transferred from No. 6 Topographical Party, September 1878; charge of Survey Party with the Frontier Expeditionary Field Force, Kuram Column; substantive 2nd grade Assistant Superintendent, 22nd December 1878; Officiating Assistant Superintendent, 1st grade, 1st January 1879; reverted to 2nd grade, 15th January 1879; furlough on private affairs for one year from 30th October 1880; promoted to rank of Brevet Major, 22nd November 1879, and to Brevet Lieutenant-Colonel, 2nd March 1881; appointed to charge of No. 6 Topographical Party from 3rd December 1881; Assistant Superintendent (new), 1st grade, 1st July 1882; Officiating Deputy Superintendent, 4th grade, 1st July 1882 to 8th January 1883, and from 12th February 1883 up to 27th November 1884; invested with the powers of a Magistrate of the 2nd class to be exercised within the Sub-Division of Karimganj, South Sylhet, and Halimganj in the District of Sylhet, 13th March 1883; confirmed as Deputy Superintendent, 4th grade, 28th November 1884; promoted to the rank of Colonel, 2nd March 1885; on special duty with the Gilgit Mission from 25th May 1885; Officiating Deputy Superintendent, 3rd grade, from 21st March 1886; in charge Kubo Valley Detachment from 1st October 1886 to 30th November 1887. Services placed at the disposal of the Foreign Department, from 10th February 1888, and employed on special duty in Europe up to 9th October 1888. Furlough for 4 months from 10th October 1888.

War Services.—Served with the Left Column, Lushai Expeditionary Force, 1871-72—Frontier medal with clasp for Lushai; served with the Garo Hills Expedition in 1872-73, and with the Naga Hills Punitive Expedition in 1875 (mentioned in despatches); joined the Kuram Column, Frontier Expeditionary Field Force, 1st Afghanistan Campaign at Kohat, 25th October 1878; present at the action on the Peiwar Kotal (slightly wounded); mentioned in despatches; 2nd Campaign from 28th September 1879 to date of evacuation of Kabul; present at Alikhel, 14th October; at Killa Kariz Mir on 10th, and Charda, 11th December 1879; attack of Takht-i-Shah, 13th; Asmai heights, 14th, and subsequent operations till 23rd December 1879, inclusive; skirmishes at Saidabad, 25th and 26th April 1880 (very slightly wounded); thanks of Governor General in Council and Secretary of State for India; mentioned in despatches of Generals Roberts and Ross.

G. H. Cooke, *Officiating Deputy Superintendent, 3rd Grade.*—Arrived in India in 1865; joined the Survey Department as Sub-Assistant, 1st class, 6th December 1866; Assistant Revenue Surveyor, 3rd class, on 6th December 1869; Probationary Assistant Superintendent, 1st April 1870; Assistant Superintendent, 2nd grade, 10th May 1871; served in the Hazaribagh District Survey until October 1871; from November 1871 to May 1872, with Lushai Expeditionary Force; examination leave for three months, from 5th June 1872 to 4th September 1872; transferred to Head-quarters from 5th September 1872; from 1st November 1872, special duty, Chittagong; in June 1873, transferred to Naini Tal, for the completion of the survey of the Naini Tal Sanitarium on the scale of 16 inches = 1 mile; in November 1873 was transferred to the 9th Bilaspur District Survey, and completed the survey of Aheri Zamindari; under the re-organization of 1st April 1874, Officiating Assistant Superintendent, 3rd grade; in November 1874, joined the Azimgarh District (Cadastral) Survey; on 1st April 1876, transferred to Goorgaon District Survey; in November 1876, transferred to Deccan Survey; held charge of the survey from 22nd August 1877 to 2nd January 1878; Officiating Assistant Superintendent, 2nd grade, from 1st January 1878; again took over charge of Deccan Survey on 12th September 1878; furlough from 22nd May 1880 to 8th June 1882; promoted to Assistant Superintendent, 2nd grade, on 14th December 1880; transferred to Meerut, &c., Districts (Topographical) Survey, and joined 9th June 1882; Assistant Superintendent (new), 1st grade, 1st July 1882; Officiating Deputy Superintendent, 4th grade, 1st July to 31st October 1882, 2nd and 3rd November 1882, from 7th idem up to 31st December 1882, 14th March 1883, and from 20th April 1883 up to 21st October 1885; transferred to Benares, &c., Districts (Cadastral) Survey, 17th October 1883; appointed to do duty at the Head-quarters, Calcutta, from 17th August 1884; transferred to the Basti District (Cadastral) Survey, 1st May 1885; held temporary charge of Cutch Party, Topographical Survey, from 11th August 1885; confirmed as Deputy Superintendent, 4th grade, 22nd October 1885; assumed charge of Jubbulpore District Traverse Survey, 26th October 1885; Officiating Deputy Superintendent, 3rd grade, from 22nd April 1886 to 23rd October 1887; from 4th to 23rd November; from 25th to 29th November 1887; from 6th to 24th January 1888; from 11th February to 13th April 1888; and from 16th May 1888 up to the present time.

War Services.—On 1st November 1871 was deputed on special service with Right Column, Lushai Expeditionary Force; received a medal and the thanks of the Government of India; served a second year in the Lushai country with Major Lewin, Political Officer, and connected the work done by the Survey officers attached to the Right and Left Columns of the Lushai Expeditionary Force.

EDWIN JAMES JACKSON, *Officiating Deputy Superintendent, 3rd Grade.*—Arrived in the country, 26th June 1864; joined the Department as Senior Sub-Assistant Revenue Surveyor, 26th September 1864; Probationary Assistant Superintendent, 1st April 1866; Assistant Superintendent, 2nd grade, 5th November 1868; sick leave from 4th July to 3rd August 1867; sick leave from 19th August to 30th November 1867; sick leave to Europe from 23rd July 1871 to 10th November 1872; in temporary charge of the 2nd Division, Revenue Survey (Assam), 20th January to 13th February 1873, or about January 1873; special duty, defined the Naga Frontier Boundary common to District Sibsagur, from December 1873 to May 1874; Cachar Tea Grants Survey from 28th November 1874 to April 1875; relaying the old boundaries to the north-west of Faridpur, which had been washed away by the River Ganges during the past 20 years; employed on this work from February 1877 to April 1877; transferred to 5th Division Survey from 1st July 1877; on furlough from 1st May 1880 to 3rd December 1881; transferred to No. 2 Party, Hanthawaddy District, British Burma; Assistant Superintendent (new), 1st grade, 1st July 1882; Officiating Deputy Superintendent, 4th grade, afternoon of 18th November 1882; reverted to Assistant Superintendent, 1st grade, from 6th December 1882; Officiating Deputy Superintendent, 4th grade, from 29th April 1883 up to 25th October 1885; in charge of No. 2 Revenue Party, Hanthawaddy District Survey, British Burma, from 19th February 1884; confirmed as Deputy Superintendent, 4th grade, 26th October 1885; furlough to Europe from 12th November 1885 to 23rd October 1886; appointed to the charge of Saugor Traverse Survey from 29th October 1886; Officiating Deputy Superintendent, 3rd grade, from 27th October to 16th December 1886, from 1st to 4th January 1887, and from 15th May 1887 to 25th September 1887; again from 21st June 1888.

BT.-MAJOR ST. GEORGE CORBET GORE, *Royal Engineers, Deputy Superintendent, 4th Grade.*—Joined the service, 8th January 1870; arrived in India, 15th November 1872; appointed Assistant Superintendent, 2nd grade, Great Trigonometrical Survey of India, 25th March 1873; joined the Great Trigonometrical Survey at Dehra Dun on 11th April 1873 and attached to the Dehra Dun Survey Party; Officiating Assistant Superintendent, 1st grade, from 2nd November 1873; by consolidation scheme of 1st April 1874 became Assistant Superintendent, 3rd grade, officiating 2nd grade; reverted to 3rd grade from 28th October 1874; officiating 2nd grade from 4th January 1875; transferred to Topographical Department for work, 15th October 1875, and attached to the Bhopal and Malwa Survey; transferred to Guzerat Party, Great Trigonometrical Survey, 5th January 1878; appointed to officiate in charge Guzerat Party, 2nd September 1878; relieved of the charge of Guzerat Party, October 1878; ordered on service to Afghanistan, 3rd January 1879; reverted to Assistant Superintendent, 3rd grade, 26th April 1879; Officiating Assistant Superintendent, 2nd grade, from 16th July 1879 to 10th December 1880; furlough to Europe for two years from 11th December 1880; promoted to Captain, 8th January 1882; Assistant Superintendent (new), 2nd grade, 1st July 1882; promoted to Assistant Superintendent, 1st grade, 10th October 1882; appointed to do duty at Head-quarters, Calcutta, from 13th December 1882; Officiating Deputy Superintendent, 4th grade, from 29th May 1883 to 9th March 1886; attached to the Afghan Boundary Commission, 26th August 1884; confirmed as Deputy Superintendent, 4th grade, 10th March 1886; Officiating Deputy Superintendent, 3rd grade, from 4th May to 17th August 1886; returned to India 23rd November 1886; Officiating Deputy Superintendent, 3rd grade, 26th October 1886, and from 20th November to 8th December 1886; appointed to superintend the final mapping connected with the Afghan Boundary Commission at Dehra Dun. Brevet-Major, 16th February 1887. Officiating Deputy Superintendent, 3rd grade, 7th June 1887 up to 29th August 1887; employed on Military duty in Europe from 15th February 1888.

War Services.—Served with the Afghanistan Field Force, Quetta Column, from 9th February 1879 to 15th May 1880; accompanied Sir D. Stewart's column in its march from Kandahar to Kabul as Officer in charge of Survey; present at the action of Ahmed Khel, near Ghazni, and of Urzu Shabiz at Ghazni.

BT.-MAJOR JAMES RAMSAY HOBDAY, *Bengal Staff Corps, Officiating Deputy Superintendent, 3rd Grade.*—Ensign, 2-25th King's Own Borderers, 13th January 1869—G. O. C. C., 3rd March 1869, p. 88; date of arrival in India, 31st March 1869; 2nd Wing Subaltern on probation, 30th Regiment, Bengal Infantry, 20th March 1871—G. O. C. C., 4th April 1871, p. 165; 1st Wing Subaltern on probation, 38th Regiment, Bengal Infantry, 6th May 1871—G. O. C. C., 16th May 1871, p. 242; Officiating Wing Officer, 38th Regiment, Bengal Infantry, in addition to his other duties, from 21st November 1872 to 5th January 1873—G. O. C. C., 19th December 1872,

p. 609; Station Staff Officer, Buxa, Bhutan, 16th March 1873 to 18th September 1874—G. O. C. C., 5th April 1873, p. 170; Officiating Wing Officer, 38th Regiment, Bengal Infantry, in addition to his other duties, from 6th April 1873 to 27th June 1873—G. O. C. C., 9th July 1873; General Leave from 12th July 1873 to 17th November 1873—G. O. C. C., 16th August 1873, p. 330, and G. O. C. C., 23rd December 1873, p. 559. Assistant Superintendent, 3rd grade (on probation), Topographical Survey Department, 11th September 1874—Revenue, Agriculture, and Commerce Department, No. 538 of 11th September 1874; Assistant Superintendent, 3rd grade, Topographical Survey Department, 7th July 1875—Revenue, Agriculture, and Commerce Department, No. 505 of 19th July 1875; Officiating Assistant Superintendent, 2nd grade, Survey of India, from 1st to 10th January 1878, 1st to 5th February 1878, 15th February to 28th April 1878; furlough for 2 years from 29th April 1878; recalled to duty to join Afghan Field Force, 15th December 1878; left England, 25th December 1878; arrived at Bombay, 15th January 1879; Officiating Assistant Superintendent, 2nd grade, from 15th January 1879 to 3rd February 1879; medical certificate for one year, from 1st December 1879; Officiating Assistant Superintendent, 2nd grade, from 3rd April 1881 to 30th June 1882; promoted to the rank of Captain, 13th January 1881; Assistant Superintendent (new), 2nd grade, 1st July 1882; Officiating Assistant Superintendent, 1st grade, from 1st July 1882 to 14th April 1883; promoted to Assistant Superintendent, 1st grade, 15th April 1883; Officiating Deputy Superintendent, 4th grade, from 25th July 1883 to 21st October 1883, from 25th October 1883 to 23rd March 1884, and from 4th April 1884 to 31st December 1886; in charge, Andaman Topographical Party, from 1st November 1883 to 19th March 1886; in charge Upper Burma Topographical Party from 20th March 1886; Officiating Deputy Superintendent, 3rd grade, from 4th May to 17th August, 26th October, and from 19th to 22nd November 1886; confirmed as Deputy Superintendent, 4th grade, 1st January 1887. Brevet-Major, 1st July 1887. Officiating Deputy Superintendent, 3rd grade, from 17th July 1888.

War Services.—Served with Kandahar Field Force, Southern Afghanistan, from 13th February to 31st October 1879; accompanied column under Brigadier-General Palliser to Khakrez Valley —Medal. Served with Upper Burma Field Force from 2nd April 1886 to end of Campaign, mentioned in despatches of Major-General Sir George White, V.C., K.C.B. Services acknowleged by the Commander-in-Chief and Chief Commissioner.—Medal with clasp and Brevet Majority.

CAPTAIN FRANCIS BACON LONGE, *Royal Engineers, Deputy Superintendent, 4th Grade.*—Lieutenant, 2nd February 1876; appointed to India Establishment, 1st November 1878; arrived in India, 15th January 1879; appointed Supernumerary Assistant Superintendent, 3rd grade, Survey of India, 15th March 1880; Assistant Superintendent (new), 2nd grade, 1st July 1882; confirmed in the Survey Department, 13th September 1882; officiated as Assistant Superintendent, 1st grade, from 13th September 1882 to 9th July 1884; held charge of the Deccan Party from 6th October to 21st November 1883; confirmed, 10th January 1884; officiated as Deputy Superintendent, 4th grade, from 6th to 13th March 1884, and again from 26th August 1884 to 10th April 1888; appointed to do duty at Head-quarters, Calcutta, 17th January 1885; in charge Suakim Expeditionary Survey, from 4th March 1885; attached to the Tidal and Levelling operations, 19th June 1885; transferred to the charge of the South Maratha Survey Party, 6th July 1885; re-transferred to the Tidal and Levelling operations, 19th October 1885; again in charge South Maratha Survey Party, 29th December 1885; in charge of Baluchistan No. 1 Party, from 1st November 1886; promoted to Captain, 2nd February 1887; overstayed privilege leave by 5 days, 12th to 16th September 1887. Confirmed as Deputy Superintendent, 4th Grade, 11th April 1888. Officiating Deputy Superintendent, 3rd grade, from 1st September 1888 to 22nd October 1888 and from 1st to 15th November 1888. Furlough for 18 months from 16th November 1888.

War Services.—Joined the Head-quarters of the Bengal Sappers and Miners in the Khyber at Jalalabad in February 1879; served as Assistant Field Engineer attached to the 7th Company, Bengal Sappers and Miners, with the Kurram and Kabul Field Forces from March 1879 till 14th March 1880, and was present at the battle of Charasia, 8th October 1879, and the actions round Kabul from 10th to 23rd December; served as Assistant Superintendent of Survey with Kabul and Kandahar Field Forces from 15th March 1880 to the close of the campaign in May 1881, and was present at skirmish at Saidabad on 26th April 1880; marched with the Force under Sir F. Roberts from Kabul to Kandahar, and was present at the battle of Kandahar, 1st September; twice mentioned in despatches of Sir F. Roberts and received the thanks of the Governor General—medal and 3 clasps and bronze star; served as Survey Officer with the Suakim Expeditionary Force from 4th March 1885 to 1st June 1885—medal and clasp.

CAPTAIN ROBERT ALEXANDER WAHAB, *Royal Engineers, Deputy Superintendent, 4th Grade.*—Obtained his commission as Lieutenant in the Royal Engineers, 29th April 1873; joined at Chatham, 1st January 1874; arrived in India, 8th March 1876; attached to Madras Sappers and Miners from March 1876 till December 1880; appointed Assistant Engineer, 1st

grade, Public Works Department, Military Works Branch, January 1881; temporary Executive Engineer, 4th grade, March 1882; appointed Assistant Superintendent, 2nd grade, Survey of India, 8th January 1883; Officiating Assistant Superintendent, 1st grade, from 1st February 1883 up to 6th August 1884; promoted to Assistant Superintendent, 1st grade, from 7th August 1884; in charge, No. 3 Topographical Party, Baluchistan Survey, from 19th to 31st August 1884; posted to Zhob Valley Expedition Party, 1st September 1884; assumed charge of that party, 14th September 1884; and charge of No. 3 Topographical Party, Baluchistan Survey, 17th December 1884; Officiating Deputy Superintendent, 4th grade, from 26th August 1884 up to 16th July 1888. Confirmed 17th July 1888. Promoted to Captain, 8th January 1885; transferred to Gorakhpur District (Cadastral Survey), 8th November 1885; assumed charge of Himalaya Party, 21st April 1886; assumed charge of Baluchistan No. 2 Party on the forenoon of 30th September 1886, and made over charge of the same on the afternoon of the 17th September 1888. Officiating Deputy Superintendent, 3rd grade, from 15th November 1888 to 22nd December 1888. Returned from Hazara Field Force and posted to Trigonometrical Branch Office, 23rd November 1888.

War Services.—Served in the 1st Afghan Campaign from 9th January to 9th June 1879 as Assistant Field Engineer and Adjutant, Royal Engineers, Peshawur Valley Field Force; 2nd Afghan Campaign, October 1879 to August 1880, as Assistant Field Engineer—Medal. Expedition against Mahsud Waziris in April and May 1881 as Assistant Field Engineer, and in charge of R. E. Park. Served in Zhob Valley Expedition, 1884, as Survey Officer—mentioned in despatches. Served with Hazara Field Force, 1888, as Survey Officer—mentioned in despatches.

EDWARD C. RYALL, *Officiating Deputy Superintendent, 4th Grade.*—Appointed Apprentice Draftsman, Surveyor General's Office, Calcutta, 11th August 1854, and to the Great Trigonometrical Survey Department as 3rd class Sub-Assistant, Great Trigonometrical Survey, on 26th April 1855, and posted to Head-quafters Office, Dehra Dun; subsequently on October 1st of the same year, was attached to the Rahoon Meridional Series; on 1st October 1856, 2nd class Sub-Assistant, transferred to the Jhelum and Rawal Pindi Topographical Survey Party; served with that party up to May 1859; during the recess seasons of 1858 and 1859 of the Jhelum and Rawal Pindi Party, was deputed to do field duty with the Kashmir Survey; January 1st, 1860, promoted to 1st class Sub-Assistant; transferred to the Kashmir Survey in June 1859; served with that survey up to 1st October 1864, and was then transferred to the East Calcutta Longitudinal Series; on November 1st, 1865, was posted to the Eastern Frontier Series Party; sick leave from 25th January to 7th September 1866; on return to duty was appointed to the Kumaon and Garhwal Topographical Party, 1st May 1867; assisted that party in the large-scale surveys of Mussoorie, Ranikhet, and Kosi Valley, and subsequently in the survey of the Dehra Dun District; appointed to charge of the Kumaon and Garhwal Party in March 1875; brought the field operations of that party to a close in September 1877, and was relieved of the charge of the party on 1st October 1878; posted to Surveyor-General's Field Head-quarters Office, Dehra Dun, 1st October 1878, and on the 1st January 1879 transferred to the 3rd Division, North-Western Provinces Survey, Revenue Branch; transferred to Darjeeling Party, 1st September 1881; sick leave from 10th December 1883 to 4th January 1884; Officiating Deputy Superintendent, 4th grade, from 6th July 1885 to 14th November 1888; in charge Coast Triangulation Survey, 6th October 1885. Party transferred to Upper Burma to extend the principal triangulation of India into that Province, 1st October 1888. Officiating Deputy Superintendent, 3rd grade, from 15th November 1888. Reverted to Officiating Deputy Superintendent, 4th grade, 7th December 1888.

Abstract showing the steps obtained by Mr. E. C. RYALL while in the Survey Department.—Appointed 3rd class Sub-Assistant, 26th April 1855; 2nd class Sub-Assistant, 1st October 1856; 1st class Sub-Assistant, 1st January 1860; Junior Civil 2nd Assistant, 1st July 1862; Senior Civil 2nd Assistant, 1st January 1863; Surveyor, 2nd grade, 1st April 1869; Surveyor, 1st grade, 1st April 1871; Assistant Superintendent, 2nd grade (subsequently on 1st April 1874 designated 3rd grade), 1st April 1873; Officiating Assistant Superintendent, 2nd grade, 7th September 1879; reverted to 3rd grade on 9th October 1879; Officiating Assistant Superintendent, 2nd grade, from 1st November 1879; Assistant Superintendent (new), 2nd grade, 1st July 1882; Officiating Assistant Superintendent, 1st grade, from 1st July 1882 up to 31st January 1883; promoted to Assistant Superintendent, 1st grade, 1st February 1883.

Military Service.—As volunteer during the mutiny; served against the Murree rebels—medal.

Literary Work.—Report on Hundes or Nari Khorsam.

WILLIAM HENRY PATTERSON, *Officiating Deputy Superintendent, 4th Grade.*—Appointed Junior Sub-Assistant Revenue Surveyor, 1st December 1851, and posted to the Rechnab Doab (Punjab) Revenue Survey; transferred to the Sindh, Sagar Doab Revenue Survey, 1st October 1855; promoted to 3rd grade, 1st October 1855; transferred to the Derajat (Trans-Indus) Survey, 1st July 1856; promoted to 2nd grade, 1st May 1857; promoted to 1st grade, 1st

January 1859; honourable mention in the Punjab Administration Report for 1859-60; thanks of the Lieutenant-Governor of the Punjab and of the Government of India; transferred to the 1st Division (Oudh) Revenue Survey, 1st October 1859; promoted to Assistant Revenue Surveyor, 3rd grade, 1st January 1862; on deputation at Head-quarters Office (Drawing Branch), Calcutta, 1st September 1862; promoted to 1st grade, 1st January 1866; designation changed to Civil Assistant, 3rd grade, 1st April 1866; transferred to 2nd Division (Oudh) Revenue Survey, 18th April 1866; during 1867-68 detached to make a survey of the cantonments, civil station, and city of Cawnpore, on the scale of 12 inches to the mile; and revision of the plan of the Lucknow Cantonments with additions of environs 2 miles all round, on the scale of 8 inches to the mile; promoted to Civil Assistant, 2nd grade, 1st January 1868; and to Surveyor, 1st grade, 1st January 1871; transferred to the 1st Division, Lower Provinces Survey (Assam), 1st April 1871; appointed to the temporary charge of the 1st Division, Lower Provinces Survey, from 24th April to 12th June 1872; on duty at the Presidency Office, 29th January 1873; rejoined 1st Division, Lower Provinces Survey, in Assam, February 1873; appointed to the temporary charge of the 1st Division, Lower Provinces Survey, from 25th November 1873 to 7th January 1874, and to the charge of the Survey of Lakhiraj holdings in Districts Darrang and Kamrup, with deputation allowance of ₹50 per mensem, from 1st December 1874 to 18th June 1879; services recognised by the Chief Commissioner, Assam, in Land Revenue Administration Report of District Darrang, season 1875-76; services placed at the disposal of the Chief Commissioner, Assam, for employment under the Settlement Officer, Cachar, 3rd January 1880; appointed Chief Draftsman, Surveyor General's Office, Calcutta, 8th August 1882; promoted to Assistant Superintendent, 2nd grade, 22nd January 1883; transferred to No. 5 Topographical Party (District Mirzapur), 1st February 1883; Officiating Assistant Superintendent, 1st grade, from 1st February 1883 to 30th September 1884; promoted to Assistant Superintendent, 1st grade, 1st October 1884; assumed temporary charge of No. 2 Party, Bhopal and Malwa Topographical Survey, from 5th August to 27th October 1884; re-transferred to No. 5 Topographical Party, Mirzapur District; assumed charge of No. 2 Party, Bhopal and Malwa Topographical Survey, from 24th November 1884 to 26th October 1885, and of Mirzapur Topographical Survey Party, from 11th November 1885 to 31st August 1888 (Nomenclature of Party changed to Hoshungabad, 1st October 1887). Appointed to the charge of No. 11 Party, Central Provinces Traverse Survey, 1st September 1888. Officiating Deputy Superintendent, 1st grade, from 16th September 1884.

Leave on private affairs from 1st May to 31st August 1862; leave on private affairs to Europe from 20th July 1872 to 18th January 1873; leave on private affairs to Europe from 11th July 1879 to 2nd January 1880.

Special Powers.—Vested with powers of a Deputy Collector under Regulation IX of 1833 in Districts Kamrup, Nowgong, and Darrang, 11th January 1872; vested with powers of Deputy Collector under Act V of 1875, B. C. (Surveys), in District Cachar, 19th February 1880.

Military Services.—As volunteer during the Mutiny of 1857-58; served against the Murree rebels—medal.

FREDERICK WILLIAM KELLY, *Offg. Deputy Superintendent, 4th Grade.*—Appointed Junior Sub-Assistant, 4th December 1854; promoted to Sub-Assistant, 1st January 1856, in the Punjab and Sind Surveys; special leave for four months from 21st January 1858, which was overstayed from 21st May to 16th August 1858; employed as Sub-Assistant, 2nd class, in the Bhurtpur and Bundelcund Surveys, 17th August 1858; promoted to Sub-Assistant, 1st class, 1st January 1861; transferred to 2nd Division, Oudh Survey, 3rd February 1861; promoted to Assistant Revenue Surveyor, 3rd class, 1st January 1864; promoted to Civil Assistant, 4th grade, 1st April 1866; transferred to Head-quarters Office, Calcutta, 18th September 1866; promoted to Civil Assistant, 3rd grade, 1st July 1867; promoted to Surveyor, 2nd grade, 1st July 1869; in temporary charge of Midnapur Survey from 2nd March to 19th June 1876; promoted to Surveyor, 1st grade, with personal allowance of ₹50, 8th July 1879. Passed Examination for Senior Division in Calcutta; promoted to 2nd grade Assistant Superintendent, 22nd February 1883; promoted to officiate as Assistant Superintendent, 1st grade, from the same date; transferred to Prome and Akyab Districts Cadastral Survey, British Burma; promoted to Assistant Superintendent, 1st grade, 10th November 1884; Officiating Deputy Superintendent, 4th grade, from 3rd December 1884 to 12th October 1885; officiated in charge, Burma Topographical Party, for 3 months, from 8th July 1885; re-transferred to Akyab District (Cadastral) Survey from 6th October 1885; Officiating Deputy Superintendent, 4th grade, from 26th October to 15th November 1885, and from 21st January 1886 to 31st October 1886; leave on medical certificate to Australia from 13th November 1886 to 9th May 1887; Officiating Deputy Superintendent, 4th grade, from 14th May 1887 up to the present time. Held charge of No. 8 Party (Bengal and Orissa) from 15th May to 29th August 1887. Appointed to the charge of No. 7 Party (Bassein), 6th September 1887.

Literary Work.—Practical Surveying for India.

CAPTAIN HUGH MILBOURNE JACKSON, *Royal Engineers, Officiating Deputy Superintendent, 4th Grade.*—Received commission in Royal Engineers, 19th June 1877; under instruction at the S. M. E., Chatham, from 19th February 1878 to December 1879; served in the 7th Field Company, Royal Engineers (Chatham), from 20th March 1880 to 1st December 1880; transferred to the Indian Establishment, 1st February 1881; served with the Bengal Sappers and Miners at Roorkee, Calcutta, in the Naga Hills and at Rawal Pindi, from May 1st, 1881, to June 7th, 1883; appointed to Survey of India Department as Assistant Superintendent, 2nd grade, with effect from the 11th June 1883, and to officiate as Assistant Superintendent, 1st grade, from the same date; attached to the Kohat Survey Party; transferred to the Mysore Topographical Survey, 11th October 1883; officiated in charge of that party from 13th February to 19th March 1884; confirmed as Assistant Superintendent, 1st grade, 28th November 1884; on duty, Surveyor General's Office, Simla, from 6th May 1885; transferred to Basti District (Cadastral) Survey, from 1st September 1885; Officiating Deputy Superintendent, 4th grade, from 5th to 6th November 1885, 3rd February to 8th March 1886, and from 10th March 1886 up to the present time; transferred to Mysore Topographical Survey, 8th March 1886; in charge of that party from 23rd March 1886, until the completion of the work; transferred to Upper Burma Detachment from 5th November 1886; promoted to Captain, 1st April 1888. In charge No. 20 Party (Burma) from 19th May 1888. Transferred to No. 21 Party (Upper Burma), from 1st November 1888.

LIEUTENANT WALTER HUNGERFORD POLLEN, *Royal Engineers, Officiating Deputy Superintendent, 4th Grade.*—Obtained his commission as Lieutenant in the Royal Engineers, April 6th, 1879; joined at Chatham, 2nd June 1879; served in the 24th Field Company, Royal Engineers, at Aldershot till September 1882, and thereafter with the 26th Field Company at Shorncliffe; arrived in India, 7th March 1883; served with the Bombay Sappers and Miners up to 6th April 1883; Extra Aide-de-Camp to the Governor General of India, from 6th April 1883 to 25th April 1884; appointed Assistant Superintendent, 2nd grade, Survey of India, 26th April 1884; Officiating Assistant Superintendent, 1st grade, from the same date, and posted to No. 1 Party, Central India and Rajputana Topographical Survey, 1st October 1884; Assistant Superintendent, 1st grade, sub. *pro tem.*, 3rd July 1885; transferred to Himalaya Survey Party, 1st October 1885; promoted to Assistant Superintendent, 1st grade, 22nd October 1885; Officiating Deputy Superintendent, 4th grade, from 16th March 1886 up to the present time; assumed charge, Rajputana Topographical Survey, 1st April 1886; in charge of No. 10 South Maratha Topographical Survey from 20th October to 8th December 1886; again from 1st January to 6th June 1887. Furlough for 9 months from 7th June 1887. Extension for 6 months. Extension for 2 months. Returned from furlough on the 10th November 1888; assumed charge of No. 20 Party (Burma) on the 20th November 1888. Officiating Deputy Superintendent, 4th grade, from 20th November 1888 up to the present time. Transferred to Head-quarters, Calcutta, from 25th December 1888.

War Services.—Served with the 26th Company, Royal Engineers, in the Egyptian Campaign, August 9th to October 10th, 1882.

LIEUTENANT GODFREY BECKETT HODGSON, *Bengal Staff Corps, Officiating Deputy Superintendent, 4th Grade.*—First commission as 2nd Lieutenant, 2nd Battalion, Her Majesty's 22nd Cheshire Regiment, 1st May 1878; attached to the Regimental depôt at Buttevant, County Cork, Ireland, till 26th September 1878; arrived in India, 21st October 1878 and joined Regiment at Allahabad; promoted to Lieutenant, 13th November 1878; appointed, on probation, to the Bengal Staff Corps, by Military Department No. $\frac{606 \text{ S.}}{\text{A.}}$, dated 14th July 1880, and attached as Officiating Wing Officer to 4th Goorkha Regiment then on field service in Afghanistan; appointed permanently to the Bengal Staff Corps, 15th September 1881, with rank from 13th November 1878; Officiating Quarter Master, 4th Goorkhas, from 23rd December 1880 to 27th February 1883, when he exchanged, at his own request, to 3rd Goorkhas at Almora; served with that regiment till appointed to the Survey of India Department, as Assistant Superintendent, 2nd grade, on probation, 12th September 1883 and attached to Guzerat Party; confirmed as Assistant Superintendent, 2nd grade, and promoted Officiating 1st grade, 23rd July 1884; appointed to do duty at the Head-quarters, Calcutta, from 8th September 1885; confirmed as Assistant Superintendent, 1st grade, 26th October 1885; Officiating Deputy Superintendent, 4th grade, 21st March 1886 to 23rd November 1887 and from 25th to 29th November 1887; reverted to Assistant Superintendent, 1st Grade, 30th November 1887; Officiating Deputy Superintendent, 4th grade, from 6th January 1888; reverted to Assistant Superintendent, 1st grade, 25th January 1888; Officiating Deputy Superintendent, 4th grade, from 10th February 1888 (afternoon).

War Services.—Afghanistan, from 3rd August to 9th October 1880, as Officiating Wing Officer, 4th Goorkhas—medal.

LIEUTENANT SIDNEY GERALD BURRARD, *Royal Engineers, Officiating Deputy Superintendent, 4th Grade.*—Obtained his commission as Lieutenant in the Royal Engineers, 6th April 1879; joined at Chatham, 2nd June 1879; Assistant Secretary to Ordnance Committee for Gunnery Experiments, April 3rd, 1881, to December 8th, 1882; landed in India, 10th January 1883; attached to Bengal Sappers and Miners up to 24th March 1883, when appointed to P. W. D., Baluchistan; Personal Assistant to Superintending Engineer and Secretary to Governor General's Agent for Baluchistan, from 2nd April 1883 to 1st September 1884; appointed Assistant Superintendent, 2nd grade, Survey of India, 2nd September 1884; Officiating Assistant Superintendent, 1st grade, from the same date, and posted to Trigonometrical Branch Office; transferred to Astronomical No. 1 Party, 9th October 1885; assumed charge of the Party, 24th January 1886; promoted to Assistant Superintendent, 1st grade, 10th March 1886; Officiating Deputy Superintendent, 4th grade, from 21st March 1886 to 13th May 1887, from 15th May to 23rd October and again from the 4th to 11th November 1887; assumed charge of Astronomical No. 2 Party in addition to that of No. 1 Party, 15th October 1886. Made over charge of No. 23 Party Astronomical II Party on the 1st October and that of No. 22 Party Astronomical I on 1st November 1887; doing duty in the Trigonometrical Branch Office from 1st November 1887. Officiating Deputy Superintendent, 4th grade, from 15th February 1888. In charge computing party from 10th April 1888; assumed charge of No. 23 Party (Astronomical II), 14th July 1888, and that of No. 22 Party (Astronomical I), 17th idem, and made over charge of both Parties on the 1st November 1888.

ANGELO D'SOUZA, *Officiating Deputy Superintendent, 4th Grade.*—Joined the Topographical Survey as 3rd class Sub-Assistant on the 19th February 1856, and was appointed to the Ganjam Topographical Survey; took part in the Survey of Sambalpur and Boad Districts, and assisted in the triangulation of the coast from Pooree to False Point in 1857-58; promoted to 2nd class Sub-Assistant on the 19th February 1859; transferred to the Assam Series, Trigonometrical Survey, 1st September 1859; carried on a minor series, with a view of fixing the position of Gauhati, and completed a Topographical Survey of the Cossya plateau of about 1,000 square miles in area, on the scale of 4 miles to 1 inch; transferred to the Astronomical Party, Andaman Islands, on 23rd October 1861; promoted to 1st class Sub-Assistant on 8th January 1862; promoted to Senior Sub-Assistant on 18th September 1863; transferred to the Kattywar Party in October 1863; was employed in training the new hands for the Topographical Survey of that country; on account of the severe famine in Kattywar, the survey was placed in abeyance in 1864-65, and was then employed on the approximate work of the triangulation of Nasik District, Bombay Presidency; and in the following season (1865-66) was employed on the approximate work of the triangulation of the Island of Bombay, and also in executing a number of traverses as basis for the Cadastral Survey of Bombay; promoted to Civil 2nd Assistant, junior grade, on 1st January 1865; promoted to Civil Assistant, 4th grade, on the re-organization of the Department on 1st April 1866; was employed in Kattywar in 1866-67 on the resumption of that survey and continued in the party till 1869; promoted to Surveyor, 3rd grade, in September 1869; furlough from October 1869 to September 1870; transferred to the Guzerat Party on the 27th September 1870; promoted to Surveyor, 2nd grade, on 1st December 1872; promoted to Surveyor, 1st grade, on 1st September 1875; transferred to the Coast Triangulation Party on 1st October 1883, and assumed charge of the party on the 16th October 1883; promoted to Assistant Superintendent, 2nd grade, on the 1st October 1884; appointed to officiate in the 1st grade with effect from the same date; transferred to Raipur District Survey, Central Provinces, from 1st October 1885; transferred to the charge of Sambalpur Detachment, which was raised to a full party from 1st October 1887 and designated No. 13 Party (Betul), Central Provinces, from 11th April 1886; Officiating Deputy Superintendent, 4th grade, from 4th May 1886 to 16th December 1886; confirmed as Assistant Superintendent, 1st grade, 1st January 1887; Officiating Deputy Superintendent, 4th grade, from 1st to 4th January 1887; from 7th June to 25th September 1887; from 11th to 13th April 1888, and from 16th May 1888.

G. B. SCOTT, *Officiating Deputy Superintendent, 4th Grade.*—Joined North-West Frontier Revenue Survey as a junior Sub-Assistant Surveyor on 1st May 1863; season 1863-64, triangulated portions of "Salt Range," District Shahpur; season 1864-65, Revenue Survey District, Eusafzai (Peshawar); seasons 1865-66-67, triangulating District Hazara; promoted to Sub-Assistant Surveyor, 4th grade, 1st January 1866, and to 3rd grade, on 15th December 1866; May to August 1868, plane-tabling sections of Kaghan Valley; promoted to Sub-Assistant, 2nd grade, on 15th December 1869; season 1869-70, attached to Revenue Survey, District Peshawur; season 1870-71, attached to Revenue Survey, District Dera Ghazi Khan; October 1871, transferred to Assam Revenue Survey; passed examination for Senior Division in Calcutta; season 1871-72, triangulated and plane-tabled portion of Mekir Hills, District Nowgong, Assam; promoted to Assistant Revenue Surveyor, 1st grade, 15th December 1871; season 1872-73, attached to District Darrang Revenue Survey; seasons 1873-74-75, Revenue and Topographical Survey of

District Goalpara, Assam; promoted to Surveyor, 4th grade, 15th December 1874; during 1875 employed on 16" Survey of Cinchona Gardens at Darjeeling; season 1875-76 attached to Dhanwar Estate Cadastral Survey, District Hazaribagh; October 1876, transferred to Punjab Revenue Survey, Rawalpindi, and during season 1876-77 triangulated portion of Murree and Kahuta Tahsils; passed H. S. Examination in Hindustani in 1877; season 1877-78, plane-tabled portions of Murree and Kahuta Tahsils, and accompanied Jowaki Expedition; in 1878-79 with Khyber column Afghanistan Field Force; promoted to Surveyor, 3rd grade, 18th July 1879; during 1879-80, attached to Intelligence Branch, Quarter Master General's Department, Afghanistan; rejoined Punjab Revenue Survey in June 1880; during 1880-81, employed on a 12" Survey of the hutted camp in "The Gullies;" surveyed a portion of country on the Chenab River disputed between Sealkot District and the Kashmir State; triangulated portion of Kala Chitta Range, District Rawal Pindi; during seasons 1882-83-84 attached to Forest Settlement Department, Punjab, to lay down boundaries of reserves in Rawal Pindi District; promoted to Surveyor, 1st grade, 5th September 1883; transferred to Baluchistan Topographical Party, 1st August 1884; during October and November 1884 accompanied Zhob Valley Expedition; promoted to Assistant Superintendent, 2nd grade, officiating 1st grade, 10th November 1884 up to 18th February 1887; in January 1885 deputed to Intelligence Branch of Quarter Master General's Department, Simla, to compile Military and Railway Map of India; transferred to Bilaspur District (Central Provinces) Cadastral Survey, 1st October 1885; officiated as Deputy Superintendent, 4th grade, 26th October and from 18th November to 8th December 1886; held charge of No. 2 Bilaspur District Cadastral Survey, from 26th November 1886 to 23rd November 1887; confirmed as Assistant Superintendent, 1st grade, 19th February 1887. Officiating Deputy Superintendent, 4th grade, from 8th June to 29th August 1887. Appointed to the charge of Srinagar Wards Estate Survey from 28th November 1887. Officiating Deputy Superintendent, 4th grade, from 21st June 1888.

War and Trans-Frontier Services.—In 1867, reconnoitred independent hill tracts of Allahi, Nandihar, Tikari, and eastern slopes of Black Mountain; repulsed night attack on camp, 23rd April.

In 1868, 11th August, repulsed attack by Allahiwal; presented with sword "for gallantry" by Punjab Government; accompanied Black Mountain Expedition—medal and clasp.

In 1869, reconnoitred independent tracts of Chilas and Kohistan between Indus and Kaghan.

In 1870, reconnoitred hill country round Peshawur District; fired on by Hassan Khel.

In 1871, reconnoitred small portion Bhutan hills touching on District Darrang, Assam.

In 1877, accompanied Jowaki Afridi Expedition; services cordially acknowledged by Viceroy, Commander-in-Chief, and Punjab Government.

In 1878-79, with Khyber Column in Afghanistan; present at attack on Ali Musjid, actions of Deh Sarak and Fattehabad; accompanied 1st and 2nd Bazar Valley Expeditions; mentioned in despatches; attacked by Mohmands near Michni while reconnoitring alternative routes to the Khyber; "conspicuous gallantry" displayed on the occasion cordially acknowledged by the Viceroy in Council; ascended summit of Sikaram, Safid-koh, 29th May 1879, and received congratulatory telegram from Commander-in-Chief, as having been the first European who had done so; services during campaign acknowledged by Secretary of State for India, by the Governor General, by the Commander-in-Chief, and by the Punjab Government—medal and clasp; personal allowance of ₹100 per month and special grant of ₹1,000; recommended by Viceroy and Commander-in-Chief for direct Captaincy in Staff Corps, which was disallowed by War Office.

During 1879-80, attached to Quarter Master General's Department during 2nd Afghan Campaign; completed reconnaissance of Afridi and Mohmand countries; accompanied General Tytler's Expedition against the Zaimukhts; services acknowledged by Commander-in-Chief; mentioned in despatches; during October and November 1884 accompanied Zhob Valley Expedition; services acknowledged by Governor General in Council.

Literary Works.—Reports on Tirah, Mohmand country, and various other parts of Afghanistan. } Intelligence Branch, Q. M. G.'s Department.
"Pathans of the North-Western Frontier."
"A Surveyor's Narrative on Afghanistan." } Blackwood, 1879.
"Pushto Vocabulary" for Explorers.
"Trans-Frontier Exploration," U. S. I. of India.

JOHN ECCLES, M.A., *Officiating Deputy Superintendent, 4th Grade.*—Appointed by Her Majesty's Secretary of State for India as an Assistant Superintendent, 2nd grade, Survey of India; landed at Calcutta, afternoon, 29th May 1885, and joined the Head-quarters Office on the 30th idem; transferred to the Computing Party, Dehra Dun, 26th July 1885; officiated in

charge from 23rd September to 22nd December 1885; Officiating Assistant Superintendent, 1st grade, from 30th May to 19th November 1886. and Officiating Deputy Superintendent, 4th grade, from 20th to 22nd November 1886. Officiating Assistant Superintendent, 1st grade, from 23rd November 1886 up to the present time. Transferred to No 25 Party Tidal and Levelling, 1st November 1887. Confirmed as Assistant Superintendent, 1st grade, 11th April 1888. Officiating Deputy Superintendent, 4th grade, 17th July 1888. Transferred to the charge of Nos. 22 and 23 Parties (Astronomical I and II), 1st November 1888.

LIEUTENANT JOHN MURCHISON FLEMING, *Bengal Staff Corps, Assistant Superintendent, 1st Grade*—Obtained first commission on the 13th August 1879, as 2nd Lieutenant, 25th "King's Own Borderers"; Lieutenant in the same regiment, 21st June 1880; appointed on probation to the Bengal Staff Corps, and attached as Wing Officer to the 22nd Punjab Infantry, 22nd July 1882; appointed Officiating Wing Officer to the 4th Bengal Infantry, 4th October 1882; Officiating Quarter Master, 4th Bengal Infantry, from 4th September 1883; appointed permanently to Bengal Staff Corps by G. G. O. No. 57 of 8th February 1884; Adjutant in same regiment from 15th April to 28th June 1885; appointed to Survey of India Department as Assistant Superintendent, 2nd grade, sub. *pro tem*, 3rd July 1885, and on probation, 22nd October 1885; confirmed 14th May 1887. Transferred to No. 18 Party (Himalaya), 21st September 1886; Officiating Assistant Superintendent, 1st grade, from 14th May 1887. Confirmed 17th July 1888. Officiating Deputy Superintendent, 4th grade, from 1st September 1888 to 22nd October 1888 and from 1st November 1888 to 22nd December 1888. Transferred to No. 3 Party (Nagpur) from 13th November 1888.

War Services.—Served with 25th King's Own Borderers in the Khyber Line Field Force from 18th December 1879 to August 31st, 1880; expeditions against Mohmands and into Lughman Valley—medal.

T. ARCHDALE POPE. *Officiating Assistant Superintendent, 1st Grade.*—Second class Inspector of Police, Cuddapah, 17th July 1880 to 1st February 1881; passed the third class Test in Telugu, 10th January 1881; probationary 2nd Assistant Superintendent, Madras Survey, doing duty in the Central Office, 2nd February 1881; transferred to No. II Party, Bellary, 9th February 1881; confirmed as 2nd Assistant Superintendent, 1st September 1881; on duty in the Central Office, Madras, 19th December 1881 to 1st March 1882; transferred to No III Party, Madura, 2nd March 1882; passed the third class Test in Tamil, 17th July 1882; transferred to No. I Party for the demarcation and survey of the Madura, Travancore boundary, 1st December 1882; privilege leave from 7th May to 6th July 1883; transferred to No. III Party, Tanjore, 7th July 1883; Acting Assistant Superintendent, 1st class, from 18th March to 18th June 1884; Assistant Superintendent, 1st class, from 3rd September 1884; in charge of Central Office, 1st October to 26th November 1885; Acting Deputy Superintendent, 2nd class, from 1st October to 26th November 1885; transferred to No. III Party, Trichinopoly, 3rd December 1885; privilege leave for 3 months from 1st July 1886; services placed at the disposal of the Government of India from 1st October 1886; Assistant Superintendent, 2nd grade, Survey of India; attached to the Photographic and Lithographic Offices, Calcutta, 14th October 1886; Officiating Assistant Superintendent, 1st grade, 14th October 1886 to 13th November 1888. Officiating Deputy Superintendent, 4th grade, from 14th November 1888. Reverted to Officiating Assistant Superintendent, 1st grade, 7th December 1888.

LIEUTENANT T. F. B. RENNY TAILYOUR, *Royal Engineers, Officiating Assistant Superintendent, 1st Grade.*—Received commission in Royal Engineers, 14th February 1883. Under instructions at the S. M. E Chatham from 28th March 1883 to 3rd January 1885. Transferred to the India Establishment, 2nd March 1885. Served with the Bengal Sappers and Miners at Roorkee from 4th April to 22nd September 1885; joined Military Works Department as Assistant Engineer, 2nd grade, sub *pro tem.*; promoted to Assistant Engineer, 2nd grade, permanent, on 4th March 1886; passed prescribed examination for promotion to 1st grade on 1st January 1887; and passed colloquial examination in Hindustani, on 3rd January 1887; promoted Assistant Engineer, 1st sub *pro tem*, on 7th January 1887; promoted Assistant Engineer, 1st grade, permanent, on 1st November 1887; joined the Survey Department as Assistant Superintendent, 2nd grade, on the afternoon of 31st March 1888, and was attached to No. 21 Party (Upper Burma). Officiating Assistant Superintendent, 1st grade, from 1st January 1889.

War Services.—Attached to (Queen's Own) Sappers and Miners, from 30th October 1885, for active service in Upper Burma, and was appointed an Assistant Field Engineer, Upper Burma Field Force, from 16th November 1885 to 31st March 1888. Accompanied the force under General Sir H. Prendergast, K.C.B., and was present at the taking of Mandalay; mentioned in despatches of Major-General Sir G. White, K.C.B., V.C.; was thanked by the Commander-in-Chief for Intelligence work in the field—medal with clasp.

LIEUTENANT R. J. H. L. MACKENZIE, *Royal Engineers, Officiating Assistant Superintendent, 1st Grade.*—On arrival in India was posted as attached Officer, Baluchistan Command, Military Works, and permanently posted to the Quetta Division. Appointed to the Military Works Department as Assistant Engineer, 2nd grade, temporarily, with effect from 7th March 1887. Elected to be paid according to the consolidated rate of pay in the Military Works Department. Passed the examination for promotion to Assistant Engineer, 1st grade, prescribed in paras. 9 to 13, Chapter II, Public Works Department Code, on 21st August 1887. Promoted from Assistant Engineer, 2nd grade, temporary, to Assistant Engineer, 2nd grade, permanent, from 1st November 1887. Reported his departure from the Quetta Division, Military Works, on the forenoon, 26th March 1888. Joined the Survey Department as Assistant Superintendent, 2nd grade, on the forenoon of 26th March 1888, and was attached to No. 16 Party (Baluchistan II). Transferred to No. 15 Party (Baluchistan) from 1st October 1888. Officiating Assistant Superintendent, 1st grade, from 1st January 1889.

Statements of Services of the Geological Survey Officers.

Corrected up to 1st January 1889.

MR. WILLIAM KING, B.A., D.Sc. (*Royal, Ireland*) F.G.S.—Engaged in England by Dr. Oldham, and joined appointment as Assistant on the Geological Survey on 4th March 1857; in May 1858, attached to Madras Party in the Nilgiri Hills and South Arcot; 1859, Trichinopoly and Tanjore; 1860, Salem and Coimbatore; 1861, Kadapah District; 1862, North Arcot, Kadapah and Nellore, arranged the rock collections in the Madras Central Museum; 1863, Madras, North Arcot, and Nellore, delivered three public lectures at Nellore on the Geology of the District; 1864, Kadapah, Bellary, and Karnul Districts, delivered a course of lectures on Geology at the Civil Engineering College, Madras; 1864-65, Kadapah, Karnul and Raichur Doab; 1865-66, Kadapah and Karnul Districts, placed in the 2nd grade on the introduction of grading in May 1866; 1866-67, Bellary District; 1867, 1868, and 1869, Kadapah and Kistna Districts; appointed Deputy Superintendent for Madras, 15th November 1868; furlough from 17th September 1869 to 16th December 1870; 1870-71, Raichur Doab and Bhima Valley; officiated in the 1st grade from 13th June to 3rd December 1871; 1871-72, Godavari District and Nizam's Territories; discovered Singareni coal-field; 1872-73, Godavari and Vizagapatam Districts; deputed to Vienna in joint charge of the survey collections at the Exhibition; officiated in the 1st grade from 19th September 1872 to 20th April 1875; 1873-74, Godavari and Kistna Districts; 1874-75, Wynaad gold-field and Godavari District; promoted to 1st grade on 21st April 1875; 1875, 1876, 1877, 1878, and 1879, Godavari and Sironcha Districts and Nizam's Dominions, also the Wynaad gold-fields; 1880-81, Malabar Coast; furlough from 10th May 1881 to 9th July 1883; 1883-84, Chhattisgarh; Fellow of the Madras University, and Member of the Faculty of Engineering, 1884; officiated as Superintendent from 7th May to 12th November 1884; 1884-85, Chhattisgarh; designation changed to Superintendent of the Geological Survey of India; 1885-86-87, Chhattisgarh; appointed Director on 27th April 1887; 1887-88, Darjiling Coal Field, Karharbali Coal Field, Jabalpur District, Rawalpindi oil, Dandot colliery, Baluchistan coal and oil, Madras coal, diamond and gold fields, and Office.

Has contributed to the Survey publications 5 Memoirs and 24 Records.

MR. ROBERT BRUCE FOOTE, F.G.S.—Engaged in Englandfor the Geological Survey; joined as Assistant on the 28th September 1858, deputed to Madras; 1859, in Trichinopoly, South Arcot, and Tanjore; 1860 and 1861, in Salem, Trichinopoly, and South Arcot; delivered a course of public lectures on Geology at the Civil Engineering College, Madras; 1862, in Salem, Coimbatore, South Arcot, and Chingleput, delivered a course of public lectures on Geology in the Civil Engineering College, Madras; 1863, North Arcot, Salem, Chingleput, arranged the palæontological collections in the Madras Museum; 1864, in Chingleput and North Arcot; 1865, in Kadapah, Karnul, Nizam's Territory; 1866, in Karnul, Nellore; placed in the 2nd grade on the introduction of grading in May 1866; 1867, in Nellore, Karnul, Kistna; leave on medical certificate from 29th May 1867 to 22nd October 1868; 1868-69, in Kistna District and Nizam's Territories; 1869-70, in Bellary, Nizam's Territories, Kaladgi; 1870-71, in Bellary, Nizam's Territories, Kaladgi, Belgaum; 1871-72, in Nizam's Territories, Kaladgi, Belgaum, Ratnagiri, Kolhapur; 1872-73, in Bellary, Dharwar, Kaladgi, Sholapur; deputed to Vienna Exhibition in joint charge of the survey collections; officiated in the 1st grade from 16th July 1873 to 17th December 1874; 1873-74, in Kaladgi, Belgaum, Kolhapur, Dharwar; examined the Dambal gold region; 1874-75, in Nellore; 1875, 1876, and 1877, in Nellore and Kistna; promoted to the 1st grade on 1st April 1876; 1877, 1878, and 1879, Trichinopoly, Tanjore, Pudukotta, Madura; furlough from 13th May 1879 to 6th December 1880; 1880-81, Madura, Tinnevelly; officiated as Deputy Superintendent from 7th December 1880 to 13th June 1881; appointed Deputy Superintendent from 14th June 1881; 1881-82, Tinnevelly; held charge of the current duties of the Office of the Superintendent, Geological Survey, from 23rd July to 22nd October 1882; 1882-83, Madura and Karnul; 1883-84, Karnal, Hyderabad and Bellary; Fellow of the Madras University and Member of the Faculty of Engineering, 1884; 1884-85, Bellary; designation changed to Superintendent of the Geological Survey of India; 1885-86, Bellary; 1887, deputed to examine principal auriferous tracts in behalf of the Mysore Durbar, Bellary; officiated as Director from 27th June to 26th September 1887; 1888, Bellary.

Has contributed to the Survey publications 5 Memoirs, 17 Records, and 1 Palæontologia Indica; also translation from the German of 2 papers by Dr. Waagen on the geographical distribution of fossil organisms in India, and on the carboniferous glacial period.

Mr. Frederic Richard Mallet, F.G.S., F.C.S., F.I.C.—Engaged by Dr. Oldham in England; joined the Geological Survey as Assistant on the 12th February 1859; and took up work in the Raniganj coal field; 1859-60, in the Kharakpur Hills; in July 1860, made a trip to Tibet by Niti; 1860-61, Upper Sone Valley; in July 1861 made an excursion in Spiti; 1861-62, on the Upper Vindhyans in Bundelkhand and Rewah; 1862-63, on the Vindhyans in Mirzapur and Shahabad Districts; 1863-64, on the Vindhyans between Rewah and Saugor; June to September 1864, worked with Dr. Stoliczka in Spiti and Rupshu; 1864-65, worked the Vindhyan boundary from Jabalpur to Barwai; from 10th May to 9th November 1865, officiated as Deputy Superintendent of Bengal; 1865-66, on the Vindhyan and crystalline rocks between Chunar and Tehri in Bundelkhand; 1866-67, through Bhurtpur, Alwar, Bundi, and Guna to the Saugor District; 1867-68, the gneiss of Lower Bundelkhand; 1868-69, on the crystalline and transition rocks in the Mirzapur District; passed in the vernacular on 5th October 1868; on furlough for one year from 13th September 1869, with an extension on duty for three months and nine days to 21st December 1870; on his return journey stopped at Aden to report on the prospects of an artesian boring; 1871-72, in South Mirzapur and Rewah; officiated in the 2nd grade from 13th June to 3rd December 1871; officiated for three months as Curator of the Museum; during the recess seasons of 1871 and 1872, arranged and catalogued a large part of the mineral collections; promoted to the 2nd grade on 1st May 1872; 1872-73, on the crystalline and transition rocks of Northern Hazaribagh; recalled to arrange the mineral collection for the Vienna Exhibition; 1873-74, in the Sikkim Himalayas and Bhutan Duars; 1874, 1875, and 1876, examined and reported on the coal-fields of Upper Assam, received the thanks of the Assam Government; officiated in the 1st grade from 16th March to 25th April 1876; since 12th October 1876 has acted as keeper of the mineral collections, the systematic description of which involves much work in the laboratory; early in 1878 examined and reported on some coal and petroleum localities in Ramri, Cheduba, and Baronga Islands; leave on medical certificate from 25th July 1879 to 22nd October 1880; 1880-81, Museum; officiated in the 1st grade from 23rd October 1880 to 24th January 1883; examined and reported on a new copper mine in British Sikkim; officiated as Deputy Superintendent from 25th April 1882 to 10th April 1883; promoted to the 1st grade on 25th January 1883, and appointed Deputy Superintendent on 11th April 1883; 1882-83, Museum; also examined and reported on iron ores of Jabalpur; 1883-84, Museum, Andamans, Barren Island and Narcondam; furlough from 2nd May to 3rd November 1884; 1884-85, Museum and Hazaribagh; designation changed to Superintendent of the Geological Survey of India; 1885-86, Museum, Calcutta; furlough on medical certificate from 30th April to 21st November 1886; 1886-87, Museum, Calcutta; leave on medical certificate from 28th June 1887 to 25th October 1888; 1888, Museum, Calcutta.

Has contributed to the Survey publications 6 Memoirs, 40 Records, and "Manual of the Geology of India," Part IV, Mineralogy.

Mr. Theodore William Hughes Hughes, C.E., A.R.S.M., F.G.S.—Appointed in England by the Secretary of State on 16th October 1862; joined the Survey as Assistant on the 11th November 1862; 1862-63, in the Sone Valley; 1863-64, the Jherria coal-field; 1864-65, the Bokaro coal-field; 1865, 1866, 1867, and 1868, the Káranpura, Deogarh, Karharbári, Ithkuri and Daltonganj coal-fields; 1868, 1869, 1870, and 1871, the Wardha Valley coal-fields; passed in the vernacular on the 3rd August 1868; reported for Government, North-Western Provinces, on roofing slates for barracks, Ranikhet, 1869; accompanied Governor General (Lord Mayo) during tour of Wardha Valley coal-field and opening of Mayo colliery, March 1870; reported for Government, Central Provinces, on lead ore at Sleemanabad, June 1870; pointed out over 20 sites for bore holes in the districts of Chanda and Wún—coal proved in all; also assisted officers of His Highness the Nizam to select positions; leave on medical certificate from 1st July 1871 to 8th November 1872; 1872-73, Bandar and Wardha coal-fields; on special duty with Mr. Bauerman, visiting the iron deposits of the Central Provinces; officiated as Deputy Superintendent from 9th November 1872 to 17th December 1874; during July to September 1873, made a trip in Tibet by Niti and Milam; in October 1873, reported on the Kumaon iron ores; in November 1873 reported for the Bengal Iron Company on the Raniganj Field; 1873-74, Wardha Valley coal-field; recommended and indicated sites for borings in the Bandar Field which proved coal; received thanks of Government, Central Provinces; reported for Messrs. Apcar and Company on boring sites in the Raniganj Field, also for Messrs. Burn and Company on the Birbhum iron ores; 1874-75, the Pranhita and Jangaon Valleys, and the Wún coal-fields; 1873-74-75, indicated more bore sites in Wún District; promoted to the 2nd grade from 21st April 1875; 1875-76, the Godavari Valley; visited the Mohpani coal-field, and the trial borings for coal at Khappa and Moran River; accompanied the Superintendent during his observations of underground temperature; 1876-77, completed survey of the Kota-Maleri area;

recommended borings for coal at Sandrapali,—Godavari River; reported for Bengal Coal Company on supposed occurrence of coal south of Karharbari Field; leave on furlough from 1st November 1877 to 14th October 1879; officiated in the 1st grade from 15th October 1879 to 6th December 1880; officiated as Deputy Superintendent for Bombay from 3rd April to 6th December 1880; 1879-80, 1880-81, 1881-82-83, South Rewah coal-fields; again visited Mohpani coal-field, and inspected new sinking, August 1880; officiated in the 1st grade and as Deputy Superintendent from 17th March 1881 to 7th June 1882; urged borings for coal at Umaria-Khalesar, Rewah State, and in valley of the Johilla River; pointed out sites which proved coal over large area, January 1882; reported for Government, Central Provinces, on coal outcrops in Mahanadi, Jabalpur District, May 1882; leave on furlough from 8th June 1882 to 22nd February 1883; officiated in 1st grade from 23rd February to 10th April 1883; officiated as Deputy Superintendent from 23rd February to 10th May 1883; promoted to 1st grade on 11th April 1883; superintending Rewah coal explorations from 1st March 1883; 1883-84, Korea and Jhilmilli; officiated as Deputy Superintendent from 29th April to 12th November 1884; in May 1884, reported for Messrs. Schœne, Kilburn and Co. on coal near Jainti River; received thanks of the Central India Agency; services placed at the disposal of the P. W. Department, Government of India, as Superintendent of the Umaria coal estate, with a deputation allowance of Rs. 200 a month, from 18th December 1884 to 31st December 1885; designation changed to Deputy Superintendent of the Geological Survey of India; 1886, South Rewah; officiated as Superintendent, 1st grade, from 27th April to 19th May 1886; furlough from 20th May to 24th November 1886; deputed to Hyderabad to examine the country in behalf of the Hyderabad Deccan Co. from 25th November 1886 to 30th September 1888; appointed Superintendent on 27th April 1887; 1888, Perak.

Has contributed to the Survey publications 9 Memoirs and 21 Records.

Mr. Carl Ludolf Griesbach, C.I.E., F.G.S.—Appointed by the Secretary of State in England on 26th September 1878; joined as 3rd grade Assistant on 11th November 1878; took up the survey of the South Rewah coal-fields in November 1878; 1879, Himalayas; 1880, deputed to Afghanistan to report on gold at Kandahar and petroleum at Sibi; passed in the vernacular on 15th September 1880; officiated in the 2nd grade from 13th March to 7th November 1880; officiated in the 2nd grade from 17th March 1881 to 24th January 1883; 1881, Kumaun, Himalayas and Europe on duty; 1882-83, Garhwal and Himalayas; promoted to 2nd grade on 25th January 1883; accompanied Takht-i-Suleiman Expedition in December 1883; 1883-84-85-86, Punjab; attached to Afghan Boundary Commission; officiated in 1st grade and as Deputy Superintendent from 7th May to 7th November 1884; designation changed to Deputy Superintendent of the Geological Survey of India; returned to India and rejoined the Geological Survey of India on 1st November 1886; officiated as 1st grade Superintendent from 1st to 24th November 1886; 1886-87, Office; appointed C.I.E. on 16th February 1887; officiated as Superintendent from 27th April 1887 to 13th January 1888; services placed at the disposal of the Foreign Department from 14th January 1888 for deputation as Geologist to H. H. the Amir of Kabul; promoted to be Deputy Superintendent, 1st grade, from 13th July 1888.

Has contributed to the Survey publications 2 Memoirs and 10 Records.

War Services.—On 6th March 1880 was deputed on special service under the orders of the General Commanding Southern Afghanistan; was present at the action of Girishk, 14th July, and the battle of Maiwand, 27th July; attached as Lieutenant to the 66th Regiment, Kandahar Field Force, Order No. 271, dated 29th July 1880, and was present throughout the siege of Kandahar and the battle of Kandahar, 1st September 1880; favourably mentioned in despatches; received the acknowledgment of the Government of India—medal and clasp.

Mr Richard Dixon Oldham, A.R.S.M., F.G.S.—Appointed in Europe by the Secretary of State on 6th November 1879; joined as 3rd grade Assistant on 17th December 1879; took up work in the Godavari Valley; 1880-81, Jaunsar and Sirmur; passed in the vernacular on 1st August 1881; 1881-82, on special service to Manipur; officiated in 2nd grade from 14th June 1881 to 10th April 1883; 1882-83 to 1883-84, Jaunsar and Andamans; promoted to 2nd grade on 11th April 1883; 1884-85, Andamans, on duty in Australia for 35 days after expiration of privilege leave, and North-East Rajputana; designation changed to Deputy Superintendent of the Geological Survey of India; 1885-86, North-East Rajputana; officiated as Superintendent, 1st grade, from 20th May to 31st October 1886; services placed at the disposal of the Foreign Department in connection with the mission to Tibet from 29th May to 8th August 1886; 1886-87, Rajputana, Himalayas, and Alwar; officiated as Deputy Superintendent, 1st grade, from 28th December 1887 to 13th January 1888; officiated as Superintendent from 14th January to 25th October 1888; officiated as Deputy Superintendent, 1st grade, from 26th October 1888; 1888, Rajputana and Himalayas.

Has contributed to the Survey publications 4 Memoirs, 19 Records, and Bibliography of Indian Geology.

Mr Pramatha Nath Bose, B.Sc. (*Lond.*), F.G.S.—Appointed in Europe by the Secretary of State on 13th May 1880; joined as 3rd grade Assistant on 30th July 1880; 1880-81, 1881-82, 1882-83,

Lower Narbada Valley and Chhattisgarh; officiated in 2nd grade from 2nd March 1882 to 31st March 1884; promoted to 2nd grade from 1st April 1884; 1883-84, Chhattisgarh; 1884-85, Raipur; designation changed to Deputy Superintendent of the Geological Survey of India; 1885-86-87, Chhattisgarh; officiated as Deputy Superintendent, 1st grade, from 14th January to 25th October 1888; 1888, Jabalpur and Balaghat.

Has contributed to the Survey publications 1 Memoir and 6 Records.

Mr. Thomas Henry Digues LaTouche, B.A. (*Cantab.*)—Appointed in Europe by the Secretary of State on 11th October 1881; joined in India as 3rd grade Assistant on 29th November 1881; 1881-82, Garo Hills; passed in the vernacular on 5th June 1882; officiated in 2nd grade from 8th June 1882 to 17th November 1884; 1882-83 to 1883-84, Assam; officiated in 2nd grade from 22nd November 1884 to 27th April 1887; 1884-85, accompanied North-East Frontier Exploration party, and Assam; 1885-86-87, Assam; appointed 2nd grade Deputy Superintendent from afternoon of 27th April 1887; deputed to Kashmir to inspect sapphire mines from 29th July 1887 to 8th February 1888, and from 1st April 1888.

Has contributed to the Survey publications 10 Records.

Mr. Edward James Jones, A.R.S.M.—Appointed in Europe by the Secretary of State on the 20th September 1883; joined in India as 3rd grade Assistant on the 29th December 1883; 1884, Korea, Jhilmilli, and Chhindwara; passed in the vernacular on 2nd June 1884; officiated in 2nd grade from 29th April to 12th November 1884; 1884-85, Chhindwara, deputed to Kashmir to report on earthquake; 1885-86, Chhindwara and Burma; officiated as Deputy Superintendent, 2nd grade, and as Curator, from 27th April to 24th November 1886; 1886-87, Burma; officiated as Deputy Superintendent, 2nd grade, and as Curator from 28th June 1887 to 12th July 1888; promoted to be Deputy Superintendent, 2nd grade, from 13th July 1888; continued to act as Curator from 13th July to 25th October 1888; 1887-88, Head Quarters

Has contributed to the Survey publications 1 Memoir and 4 Records.

Mr. Charles Stewart Middlemiss, B.A. (*Cantab.*)—Appointed in Europe by the Secretary of State on the 20th September 1883; joined in India as 3rd grade Assistant on the 29th December 1883; 1884, Jaunsar and Kumaun; officiated in 2nd grade from 7th May to 7th November 1884; passed in the vernacular on 6th October 1884; 1884-85, Kumaun, deputed to report on the Bengal earthquake; 1885-86, Kumaun; officiated as Deputy Superintendent, 2nd grade, from 20th May to 8th November 1886; 1886-87, Kumaun; officiated as 2nd grade Deputy Superintendent from 27th April 1887; 1888, Kumaun.

Has contributed to the Survey publications 6 Records.

Mr. Fritz Noetling, Ph.D. (*Berlin U.*)—Appointed in Europe by the Secretary of State on 20th January 1887; joined in India as Palæontologist on 17th February 1887; 1887, Head Quarters; 1888, Burma; passed in Hindustani by the Lower Standard on the 1st October 1888 at Mandalay.

Mr. Philip Lake, B.A. (*Cantab.*)—Appointed in Europe by the Secretary of State on 9th December 1886; joined in India as 3rd grade Assistant Superintendent on the afternoon of 27th September 1887; 1887-88, Bellary and Malabar; passed in the Vernacular by the Lower Standard on the 2nd July 1888 at Bellary.

Mr. Parvati Nath Datta, B.Sc. (*Lond.*), F.G.S.—Appointed in Europe by the Secretary of State on 27th April 1888; joined as 3rd grade Assistant Superintendent on the 25th June 1888; 1888, Head Quarters and Himalayas.

Mr. William Robert Bion.—Joined the Survey as Librarian on 12th December 1870; appointed Head Clerk as well as Librarian on 1st August 1873; appointed Registrar on 31st December 1878; compiled and carried through the press a catalogue of the books in the Library of the Geological Survey of India, 1884; furlough from 18th April to 28th September 1885.

Lala Kishen Singh.—Joined the Survey as an Apprentice on 7th January 1874; 1874-76, Museum, Calcutta; 1876-77, 1877-78, and 1878-79, Sub-Himalaya; appointed Sub-Assistant on 1st April 1879; 1879-80, Punjab; 1880-81 to 1883-84, Gwalior; furlough from 1st October 1884 to 30th September 1885; 1885-86, Malwa, Mandla, and Seoni; 1887-88, Chhindwara and Balaghat.

Lala Hira Lal.—Joined the Survey as an Apprentice on 7th January 1874; 1874 to 1876, Museum; 1876-77, Sind; 1877-78, Satpura and Museum; 1878-79, Museum and Sirguja; appointed Sub-Assistant on 1st April 1879; 1879-80, Museum; 1880-81 to 1882-83, Museum and South Rewah; 1883-84, Korea, Jhilmilli, and Chhattisgarh; 1884-85-86-87, Chhattisgarh; 1888, Sirguja.

Mr. Thomas Ramsay Blyth.—Joined the Survey as Museum Assistant on 1st March 1884.

REVENUE AND AGRICULTURAL—ARCHÆOLOGICAL SURVEY.

JAMES BURGESS, C.I.E., LL.D., (Edin.); Hon. Assoc. R. I. B. A.; F. R. G. S.; M. R. A. S.; M. Soc. Asiat. Paris; Cor. Mem. Anthrop. Soc. Berlin, &c.; Fellow of the University of Bombay.—Archæological Surveyor and Reporter for Western India, 15th January 1874, ₹800; on duty in England, 4th May to 27th October 1874, £40; 26th April to 29th October 1875, 1st May to 2nd November 1876, 8th May 1877 to 29th October 1878, 29th April to 28th October 1879, and from 2nd May 1880 to 14th November 1881, drew pay at £50 per mensem, from 1st May 1876, while on duty in England; on duty in India, 15th January to 3rd May 1874, 28th October 1874 to 25th April 1875, 30th October 1875 to 30th April 1876, 3rd November 1876 to 7th May 1877, 30th October 1878 to 28th April 1879, and from 29th October 1879 to 1st May 1880, drew pay at ₹1,000, from 1st March 1875, while on duty in India; also Archæological Surveyor for Southern India, November 1881; on duty in India, 15th November 1881 to 5th May 1882, 9th November 1882 to 27th April 1883, 24th October 1883 to 2nd May 1884, drew pay at ₹1,200 from 24th October 1883; on duty in England, 6th May to 8th November 1882, 28th April to 23rd October 1883, 3rd May to 5th June 1884, and from 2nd October 1884 to 2nd November 1885; drew pay at £60 per mensem, from 6th October 1883; *sick leave for 3 months from 6th June to 5th September 1884; leave without allowances, from 6th September to 1st October 1884;* Director General of the Archæological Survey of India, 15th March 1886; on duty in India from 3rd November 1885 to 7th May 1886, 3rd November 1886 to 6th May 1887, 26th September 1887 to 6th April 1888, 33 days' privilege leave 16th May to 18th June 1887; drew pay in India at ₹1,500 per mensem from 3rd November 1886; on duty in England from 8th May to 2nd November 1886, 7th May to 25th September 1887, and from 6th April to 25th September 1888, drew pay at £80 per mensem from October 1886. On duty in India from 26th September 1888.

Literary works.—Scientific papers in the 'Philosophical Magazine,' 'Journal of the Asiatic Society of Bengal,' 1858, 'Cambridge Messenger of Mathematics,' &c.; (1) "On Satrunjaya the sacred place of the Jainas, near Palitana," illustrated folio; (2) "The Rock Temples of Elephanta or Gharapuri described and illustrated;" (3) "Somanath Girnar, Junagadh" with photographs and plans (folio); (4) "Notes of a visit to Gujarat;" (5) "the Rock Temples of Elura or Yerul;" (6) "the Indian Antiquary, a Journal of Oriental Research in Archæology, &c.," 1872 to 1884, 13 vols.; (7) "Views of Architecture and Scenery in Gujarat and Rajputana" (folio with 30 photos.), 1874; Reports on the Archæological Survey of Western India (quarto, richly illustrated)—(8) "Belgaum and Kaladgi," (9) "Kathiawad and Kachh," (10) "Bidar and Aurangabad districts," (11) "the Buddhist Cave Temples and their inscriptions," (12) "The Elura Cave Temples and the Brahmanical and Jaina Caves in Western India;" and (13) conjointly with the late James Fergusson, D.C.L., C.I.E., &c.—"The Rock Temples of India;" also (14) "Notes on the Bauddha Rock Temples of Ajanta, their paintings and sculptures;" (15) Lists of the Antiquarian Remains in the Bombay Presidency, Sind and Berar, with an Appendix of Inscriptions in Gujarat;" and other publications. The Archæological Survey of Southern India.—(16) "The Buddhist Stûpas of Amaravati and Jaggayyapeta, with translations of the Asoka Inscriptions at Jaugada and Dhauli by Prof. G. Bühler, C.I.E.," richly illustrated; (17) "Notes and Inscriptions chiefly from the South of the Madras Presidency;" edited and printed "The Antiquities of Dabhoi," for His Highness the Gaikwar of Baroda; edited "Report on the Shargi Architecture of Jaunpur, &c.," prepared by Dr. E. Führer, and E. W. Smith; editor of the "Epigraphia Indica and Record of the Archæological Surveys," &c., &c.

JOSEPH DAVIDITCH BEGLAAR, born at Chinsura 1845; educated at Dacca Engineering College, entered Public Works Department 24th August 1863, as probationery Assistant Engineer on ₹100 per mensem and house-rent ₹20 from 22nd December 1863; ₹150 from 1st October 1864 to 30th April 1865; raised to 3rd grade, 1st May 1865, on ₹200 to 9th May 1867; permanent, 2nd grade, 10th May 1867 to 28th February 1869, with deputation allowances ₹137-8, 5th November 1868 to 28th February 1869; Assistant Engineer, 1st grade, on ₹400 to 31st August 1870, and ₹450 from 1st September 1870 to 28th February 1871; Assistant in Archæological Survey of India on ₹500 from 1st March 1871 to 31st December 1879; retired on pension of ₹2,000 per annum and ₹6,000 gratuity; re-joined as Archæological Surveyor for Bengal, 1st October 1885, on ₹600 with annual increments of ₹25 for five years.

While under General A. Cunningham, Mr. Beglar wrote the following :—

(1).—Report on Delhi, 1871-72, forming the first portion of Vol. IV, of the Archæological Survey Reports.

(2).—Report of a tour in Bundelkhand and Malwa, 1872-73, and in Central Provinces, 1873-74, in Vol. VII of the same.

(3).—Report of a tour through the Bengal Provinces in 1872-73, in Vol. VIII of the same.

(4).—Report of two tours in the south-eastern Provinces in 1874-75 and 1875-76, in Vol. XIII of the same.

CHARLES JAMES RODGERS, *Archæological Surveyor*, Punjab Circle.—Arrived in Amritsar December 15th, 1863; was for 22 years Principal of the Normal School of the Christian Vernacular Education Society for India; gazetted Archæological Surveyor, Punjab Circle, 1st October 1885; took up that appointment, January 1st, 1886; has written the following papers in the Journal of Asiatic Society of Bengal—(1) On the death of Humāyūn; (2) on the Coins of Khusrau Shah and Khusrau Malik; (3) the copper coins of the old Maharajahs of Kashmir; (4) the copper coins of the Sultans of Kashmir; (5) the coins of the Maharajahs of Kāngra; (6) coins supplementary to Thomas' Chronicles of the Pathan Kings of Delhi [there are four papers published up to the present, each with two plates]; (7) copper coins of Akbar; (8) Guzni coins struck in Lahore; (9) the coins of the Sikhs; (10) Indian coins of Ahmad Shāh Durrānī; (11) on some more copper coins of Akbar; (12) rupees of Ranjit Deo of Jummūn; (13) on Nisārs; (14) rupees of the months of the Ilahi years of Akbar; (15) on some coins from Kandahar; (16) on the coins mentioned by Major Raverty in his notes to the translation of the Tabaqāt i Nasiri; (17) on Persian couplets on the coins of Jahāngīr; (18) on Persian couplets on the coins of the successors of Jahāngīr; (19) on miscellaneous rare coins.

In Numismatic Chronicle "on some coins of Nādir Shāh struck in India."

In Journal of Royal Asiatic Society "Coins of Shamsud Dīn Mahmud Shāh."

In Indian Antiquary "The rupees of the Suri Dynasty," The Punjab Magazine "How Coins illustrate History." Calcutta Review "Portable Indian Antiquities" and "Amritsar in 1881."

Is Associate Member, Asiatic Society of Bengal, Member of the Royal Asiatic Society and Numismatic Society of London and Fellow of the Punjab University.

In 1886 surveyed the Gurdaspur District and discovered and exhumed a large temple in Nurpur Fort, Kangra District. In 1886-87 surveyed the temples of the Kulū valley and Kangra District. In 1887-88, the Hisār and Rohtak Districts, together with Sonpat.

Has received on several occasions the thanks of the Punjab Government for Educational Work and for work in connexion with the Lahore Museum.

Has assisted in forming the coin cabinets in the Lahore Museum, the Government Central Museum, Egmore, Madras, and the British Museum, London.

REVENUE AND AGRICULTURAL—METEOROLOGICAL DEPARTMENT.

MR. HENRY FRANCIS BLANFORD.—Engaged in England and appointed Assistant of the Geological Survey of India on arrival on 1st October 1855. Took part in the survey of the Talchir coal-field, and in the course of this work established the first sub-divisions of what is now known as the Lower Gondwana Series. From September 1856 to May 1857 had charge of the newly established Geological Museum. In May 1857, proceeded to Madras in charge of the Geological Survey party deputed to commence the survey of that Presidency. Surveyed the Nilgiris, and in the three following years the cretaceous rocks of Trichinopoly and South Arcot. In April 1860 returned to Calcutta, and was engaged in the museum in describing the fossils of the cretaceous rocks of Southern India. In 1861 surveyed the pergunnah of Kundit Kirayeh in the Sonthal country, and on the 24th December relinquished the service and proceeded to England in ill-health. While in England was nominated to a Professorship in the Presidency College, Calcutta, and received the appointment on arrival in Calcutta on the 16th December 1862. On the 11th January 1866 was promoted to the 2nd grade of the Educational Department. Leave on private affairs, from 24th April 1867 to 23rd October; appointed Meteorological Reporter to the Government of Bengal, 5th April 1867; leave on furlough (deducting two months on service in England) from May 4th, 1874, to January 14th, 1875; appointed Meteorological Reporter to the Government of India, January 15th, 1875, for the purpose of organizing the Meteorological Department; leave on furlough, April 15th, 1878, to February 12th, 1879, and from May 1st, 1887.

W. L. DALLAS.—Appointed by the Right Honourable the Secretary of State on the 18th July 1882; arrived in India on September 5th, 1882; gazetted and joined appointment as Assistant Meteorological Reporter to the Government of India, September 11th, 1882; employed in the preparation of the daily weather reports and charts, and on the reduction, charting, and discussion of the Meteorological Registers of the Indian seas; appointed Meteorological Reporter to the Government of the Punjab, 1st December 1885, in addition to other duties.

Original Discussions:—The temperature of the British Isles (Popular Science Review, 1880).
Sunspots and British Weather (ditto ditto, 1881.)
Meteorology of the southern portion of the Bay of Bengal, 1884.
The specific gravity of the waters of the Bay of Bengal, 1885.
Weather Charts of the Bay of Bengal, 1887.
Weather Charts of the Arabian Sea, 1888.
Memoir on the winds and monsoons of the Arabian Sea, 1887.

REVENUE AND AGRICULTURAL—INDIAN MUSEUM.

MR. J. WOOD-MASON, *Superintendent.*—Educated at Charterhouse and Queen's College, Oxford. Joined the Indian Museum as Assistant Curator on October 12th, 1869, having been specially selected for the post by Professor Huxley and Sir Joseph Hooker, K.C.S.I.; granted leave on urgent private affairs without pay from March 1870 to October 20th, 1870; appointment sanctioned by Her Majesty's Secretary of State for India, July 9th, 1870; appointed to act as Curator from October 25th, 1870, to March 17th, 1871; deputed to study and to collect specimens of the marine fauna of the Bay of Bengal at the Andaman Islands from April to June 17th, 1872; appointed to act as Curator from September 10th to October 7th, 1872; appointed to act as Assistant Secretary to the Trustees in addition to his other duties; granted one month's privilege leave to collect for the Museum at the Nicobar Islands from 1st to 31st March 1873; acted as Curator from July 9th, 1873, to May 29th, 1876, and as Professor of Comparative Anatomy and Zoology in the Medical College of Bengal, for the same period; designation changed from "Assistant Curator" to "Deputy Superintendent," March 15th, 1877; acted as Assistant Secretary to the Trustees in addition to his other duties from April 1st to July 23rd, 1877; two years' furlough on medical certificate from July 23rd, 1877, to July 26th, 1879; acted as Superintendent from December 19th, 1879, to November 30th, 1880, and as Professor of Comparative Anatomy and Zoology in the Medical College for the same period; one month's privilege leave from September 11th to October 7th, 1880; deputed to Assam to make a scientific investigation regarding the insect pests of the Tea-plant (Report) March 17th to November, 1881; acted as Superintendent from November 24th, 1881, to April 13th, 1882; acted as Assistant Secretary to the Trustees in addition to his other duties from February 25th, 1882, to September 9th, 1882; furlough to Europe on medical certificate from September 9th, 1882, to March 21st, 1884; acted as Superintendent from March 22nd to December 8th, 1884, and as Professor of Comparative Anatomy and Zoology at the Medical College for the same period; reappointed on February 21st, 1885, to act in these same two offices; appointed substantively *pro tem.* to the Chair of Comparative Anatomy in the Medical College with effect from June 6th, December 17th, 1886; deputed to the Silk districts of Bengal to investigate the nature and causes of the diseases amongst the silk-worms, and submitted Preliminary Report of his investigations, January 3rd, 1887; appointed Superintendent of the Indian Museum substantively *pro tem.* with effect from 6th June, 1886, 6th May, 1887; confirmed in the appointment of Professor of Comparative Anatomy in the Medical College, Calcutta, 17th June, 1887; received the thanks of the Government of India for his services in connection with the Colonial and Indian Exhibition, London, 1886; confirmed in the appointment of Superintendent of the Indian Museum from the date of Dr. Anderson's retirement, July 1887; appointed a Fellow of the University of Calcutta, 13th January 1888.

Author of reports on "The Tea-mite and the Tea-bug of Assam." London, 1884; on the *Paraponyx oryzalis*, an insect pest of the rice-plant in Burma. Calcutta, 1885; on the Rice-fly of Bengal, 1880, for which he received the thanks of the Government; and on the diseases of Bengal silk-worms and of very numerous original papers on different branches of Zoology and Comparative Anatomy published in the Transactions of the Zoological, Geological, and Entomological Societies of London, and of the Asiatic Society of Bengal, and in the Annals and Magazine of Natural History, between the years 1868 and 1887.

MR. W. L. SCLATER, B.A., F.Z.S., *Deputy Superintendent.*—Educated at Winchester and Keble College, Oxford; 1st Class Natural Science, 1886; appointment sanctioned by Her Majesty's Secretary of State for India, 25th August 1887. Joined the Museum as Deputy Superintendent, 21st November 1887.

MR. E. C. COTES, *1st Assistant to the Superintendent.*—Joined the Museum on April 12th, 1884, having been selected as an Assistant for the Entomological Department by Her Majesty's Secretary of State for India, and was confirmed in his appointment, June 14th, 1886; privilege leave from 21st February to 9th March, 1887; granted privilege leave for two months from September 1st, 1888.

Compiled, in conjunction with Colonel Swinhoe, Bo. S. C., a Catalogue of the Moths of India, Part I.—Sphinges, Part II.—Bombyces, Part III.—Noctues, Pseudo-deltoides and Deltoides, Part IV.—Geometrites; and is author of "Notes on Economic Entomology, Nos. I and II.

MR. O. L. FRASER, *2nd Assistant to the Superintendent.*—Joined the Museum as Osteologist or Articulator of Skeletons, and Head Taxidermist, May 10th, 1871; privilege leave from November 24th to December 15th, 1873; privilege leave from August 20th to November 20th, 1879; furlough from October 17th, 1881, to October 16th, 1882; privilege leave from April 14th to July 14th, 1886.

Is author of a short paper on a skull of *Rhinoceros sondaicus*, published in the Journal of the Asiatic Society of Bengal.

Assistant Secretary to the Trustees.—Vacant.

MR. T. N. MUKHARJI, *Assistant Curator, Art and Economic Section.*—Entered Government service, 5th May 1868, in the Police Department, Cuttack, Bengal. 1st May 1870, appointed Literary Assistant and Head Clerk to Sir William Hunter, then Compiler of Gazetteers, subsequently Director General of Statistics to the Government of India. 25th March 1875, transferred to the Department of Agriculture and Commerce, North-Western Provinces, where served as Head Assistant, Head Superintendent and Personal Assistant to the Director of the Department, until September 1881. 20th September 1881, transferred to Government of India in the Revenue and Agricultural Department. 8th September 1882, appointed "Officer in charge of Indian Exhibits for the Amsterdam Exhibition." March 1883, appointed "Officer in charge of the Exhibition Branch," Revenue and Agricultural Department, Government of India. March 1886, deputed to England in connection with the Colonial and Indian Exhibition. Returned to India January 1887. Appointed Assistant Curator, Art and Economic Section, 1st April 1887. Deputed to Glasgow on special duty in connection with the Glasgow Exhibition on 8th July 1887. Returned to India 14th October 1887; granted privilege leave for two months from October 17th, 1888.

Fellow of the Linnæan Society. Author of "A Rough List of Indian Art-ware," "a Descriptive Catalogue of Indian Exhibits sent to the Amsterdam Exhibition," "A Hand-book of Indian Products," compiled a Hand-book to the "Art Manufactures of India," &c., &c.

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